

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
 Data File : VX035074.D
 Acq On : 14 Apr 2023 11:34
 Operator : JC/MD
 Sample : VX0415MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2023
 Supervised By : Mahesh Dadoda 04/17/2023

Quant Time: Apr 17 05:06:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	294650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	482536	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	427161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	205550	45.614	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.220%		
35) Dibromofluoromethane	5.379	113	163711	51.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.580%		
50) Toluene-d8	8.647	98	599192	50.864	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.720%		
62) 4-Bromofluorobenzene	11.079	95	236324	51.840	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	76869	26.156	ug/l	99
3) Chloromethane	1.294	50	72761	19.775	ug/l	97
4) Vinyl Chloride	1.374	62	73866	20.275	ug/l	100
5) Bromomethane	1.617	94	43338	18.306	ug/l	98
6) Chloroethane	1.691	64	39369	16.609	ug/l	99
7) Trichlorofluoromethane	1.886	101	103499	17.671	ug/l	98
8) Diethyl Ether	2.130	74	38459	18.626	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	65323	21.338	ug/l	98
10) Methyl Iodide	2.453	142	72880	19.117	ug/l	95
11) Tert butyl alcohol	2.989	59	79124	100.076	ug/l	98
12) 1,1-Dichloroethene	2.319	96	60505	20.002	ug/l	96
13) Acrolein	2.239	56	77627	95.378	ug/l	99
14) Allyl chloride	2.660	41	117203	19.777	ug/l	97
15) Acrylonitrile	3.062	53	184784	103.830	ug/l	98
16) Acetone	2.392	43	163943	89.558	ug/l	100
17) Carbon Disulfide	2.514	76	147657	19.491	ug/l	99
18) Methyl Acetate	2.703	43	138344	21.270	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	223371	19.945	ug/l	98
20) Methylene Chloride	2.788	84	71454	19.781	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	66903	20.280	ug/l	99
22) Diisopropyl ether	3.757	45	236164	19.750	ug/l	96
23) Vinyl Acetate	3.721	43	856875	100.479	ug/l	99
24) 1,1-Dichloroethane	3.611	63	128829	20.024	ug/l	98
25) 2-Butanone	4.562	43	269565	101.232	ug/l	98
26) 2,2-Dichloropropane	4.471	77	99241	18.757	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	77869	19.920	ug/l	99
28) Bromochloromethane	4.897	49	69675	22.139	ug/l	97
29) Tetrahydrofuran	5.007	42	169575	101.655	ug/l	99
30) Chloroform	5.092	83	128864	19.720	ug/l	99
31) Cyclohexane	5.470	56	111609	20.340	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	111451	19.986	ug/l	99
36) 1,1-Dichloropropene	5.690	75	96661	20.443	ug/l	99
37) Ethyl Acetate	4.708	43	99684	20.162	ug/l	97
38) Carbon Tetrachloride	5.672	117	93895	21.062	ug/l	96
39) Methylcyclohexane	7.379	83	104668	20.846	ug/l	99
40) Benzene	6.037	78	283564	20.891	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	59610	22.170	ug/l	97
42) 1,2-Dichloroethane	6.086	62	105589	19.567	ug/l	98
43) Isopropyl Acetate	6.336	43	164526	19.890	ug/l	99
44) Trichloroethene	7.123	130	74444	21.485	ug/l	98
45) 1,2-Dichloropropane	7.427	63	74391	21.032	ug/l	100
46) Dibromomethane	7.580	93	48207	19.809	ug/l	97
47) Bromodichloromethane	7.818	83	91447	20.343	ug/l	98
48) Methyl methacrylate	7.690	41	83980	20.674	ug/l	97
49) 1,4-Dioxane	7.702	88	36933	441.178	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	519160	106.049	ug/l	99
52) Toluene	8.720	92	178290	20.145	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	97241	20.108	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	109982	20.782	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	70438	21.029	ug/l	98
56) Ethyl methacrylate	9.116	69	111691	21.282	ug/l	96
57) 1,3-Dichloropropane	9.311	76	123698	20.853	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	252916	94.648	ug/l	98
59) 2-Hexanone	9.427	43	394581	106.565	ug/l	98
60) Dibromochloromethane	9.518	129	67451	21.139	ug/l	98
61) 1,2-Dibromoethane	9.610	107	72794	20.899	ug/l	100
64) Tetrachloroethene	9.275	164	65140	21.309	ug/l	97
65) Chlorobenzene	10.079	112	190719	21.459	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	66455	21.745	ug/l	98
67) Ethyl Benzene	10.195	91	338774	21.041	ug/l	99
68) m/p-Xylenes	10.299	106	261321	42.490	ug/l	100
69) o-Xylene	10.640	106	127034	21.085	ug/l	99
70) Styrene	10.652	104	210874	21.925	ug/l	98
71) Bromoform	10.799	173	44336	21.330	ug/l #	100
73) Isopropylbenzene	10.963	105	324277	21.258	ug/l	100
74) N-amyl acetate	10.841	43	142305	20.748	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	104937	20.989	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	87728m	20.907	ug/l	
77) Bromobenzene	11.195	156	78878	20.868	ug/l	97
78) n-propylbenzene	11.305	91	371238	21.067	ug/l	100
79) 2-Chlorotoluene	11.366	91	231930	20.846	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	271835	21.313	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	25327	18.089	ug/l	89
82) 4-Chlorotoluene	11.457	91	265521	20.551	ug/l	99
83) tert-Butylbenzene	11.713	119	254398	21.241	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	271088	20.900	ug/l	100
85) sec-Butylbenzene	11.890	105	309716	21.256	ug/l	100
86) p-Isopropyltoluene	12.012	119	266687	21.950	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	146959	21.349	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	149953	20.857	ug/l	100
89) n-Butylbenzene	12.335	91	221924	20.906	ug/l	99
90) Hexachloroethane	12.542	117	38922	20.677	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	144371	20.941	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22234	21.305	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	87269	22.381	ug/l	99
94) Hexachlorobutadiene	13.725	225	37852	22.072	ug/l	99
95) Naphthalene	13.774	128	315213	22.751	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	87377	22.221	ug/l	99

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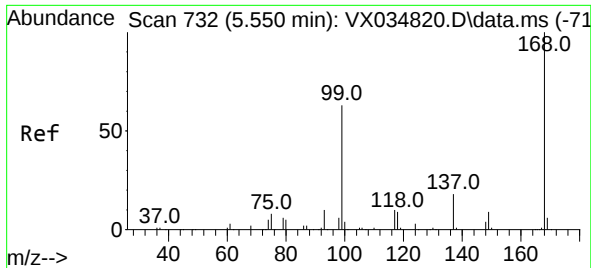
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

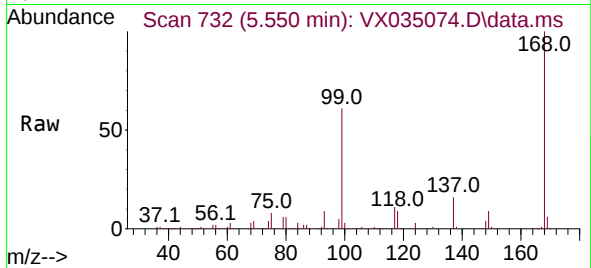
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

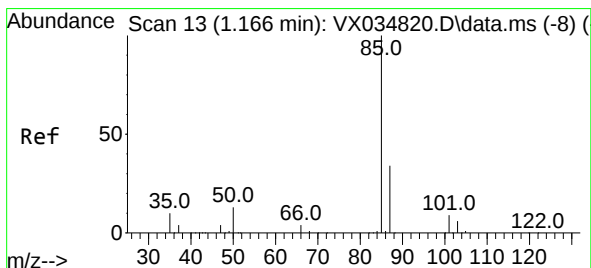
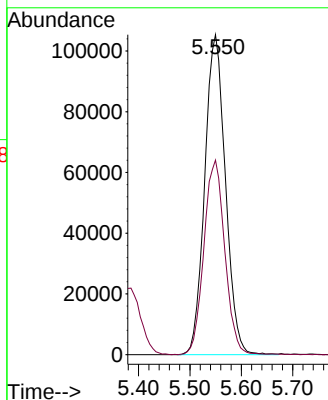
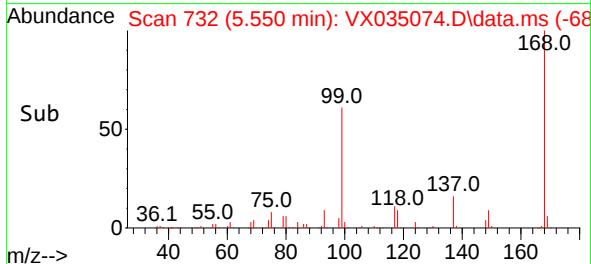
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01



Tgt Ion:168 Resp: 294650
Ion Ratio Lower Upper
168 100
99 60.8 45.7 68.5

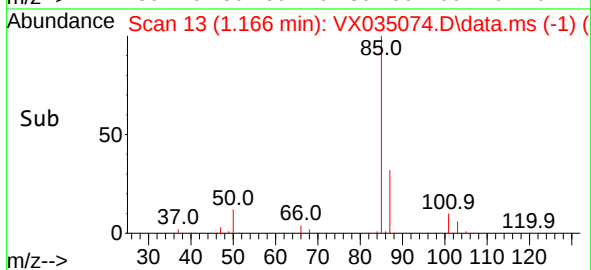
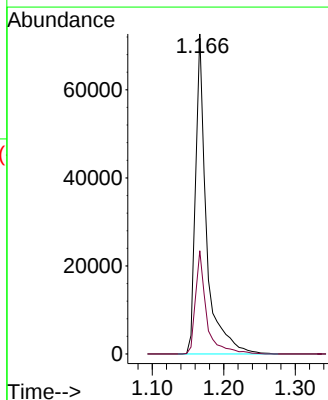
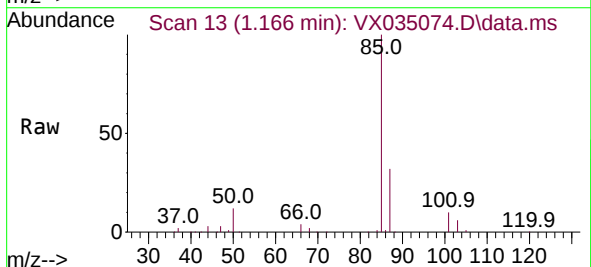
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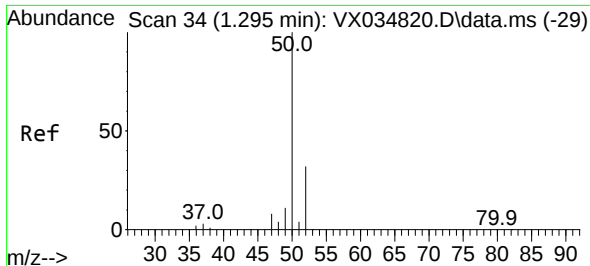
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#2
Dichlorodifluoromethane
Concen: 26.156 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

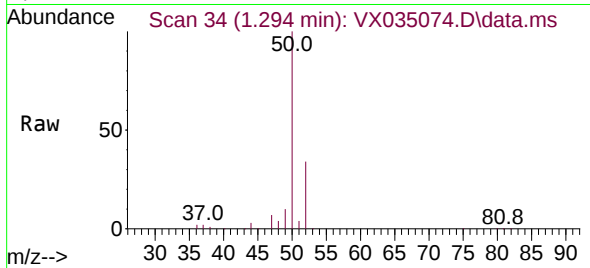
Tgt Ion: 85 Resp: 76869
Ion Ratio Lower Upper
85 100
87 32.3 16.4 49.1





#3
Chloromethane
Concen: 19.775 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

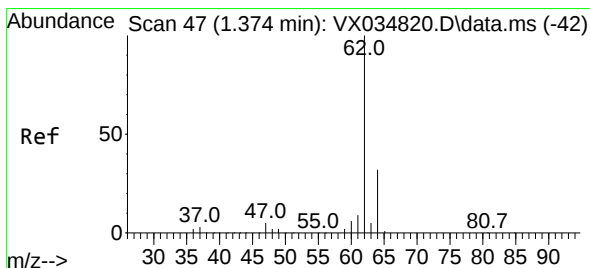
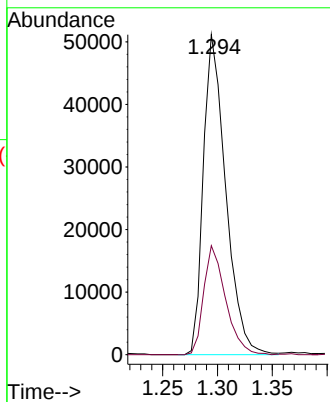
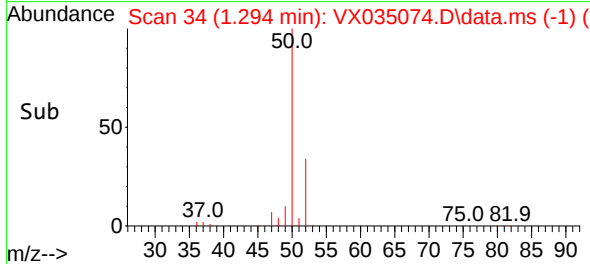
Instrument :
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Tgt Ion: 50 Resp: 7276
Ion Ratio Lower Upper
50 100
52 34.0 25.9 38.9

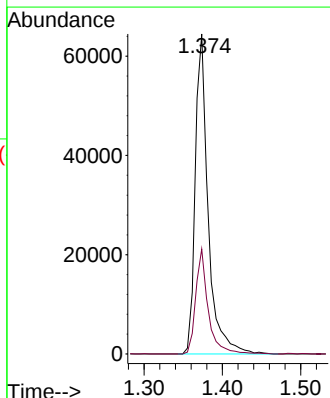
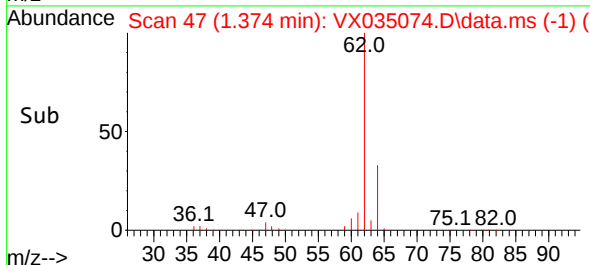
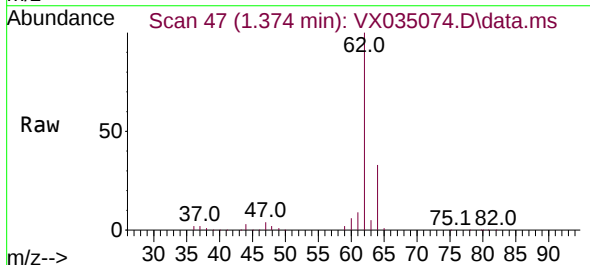
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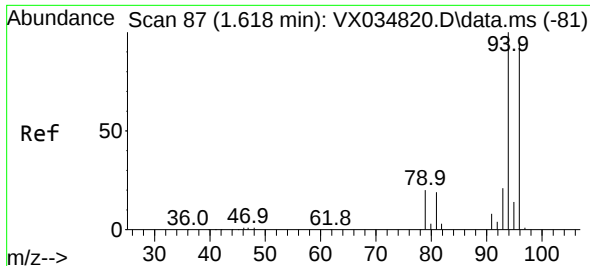
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#4
Vinyl Chloride
Concen: 20.275 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

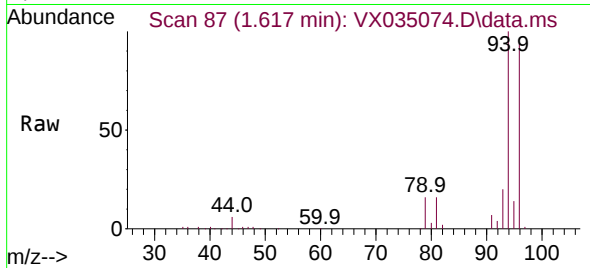
Tgt Ion: 62 Resp: 73866
Ion Ratio Lower Upper
62 100
64 32.8 26.4 39.6





#5
Bromomethane
Concen: 18.306 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

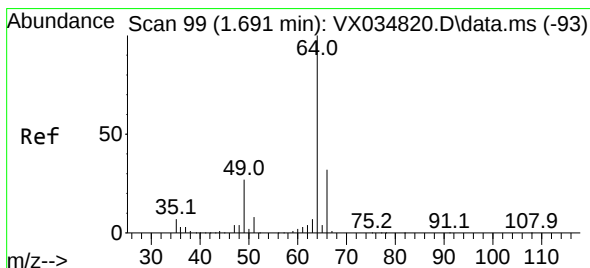
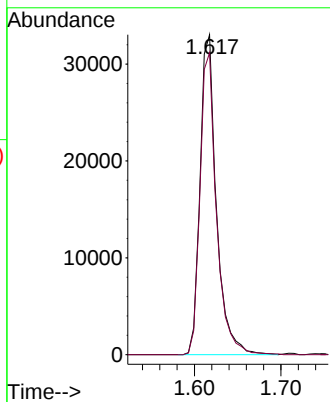
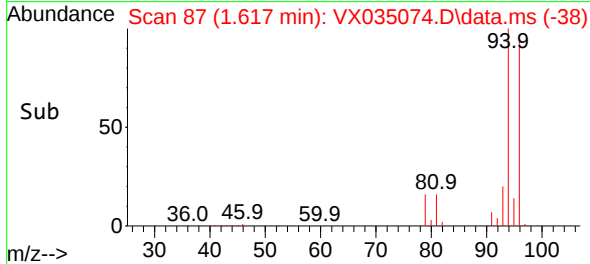
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Tgt Ion: 94 Resp: 43338
Ion Ratio Lower Upper
94 100
96 94.4 77.0 115.6

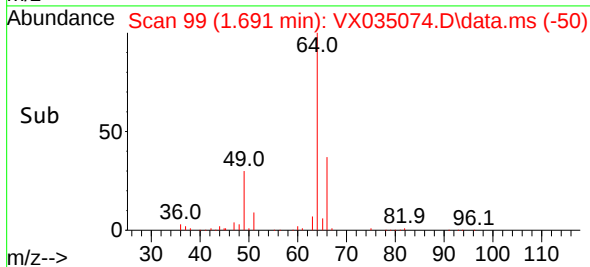
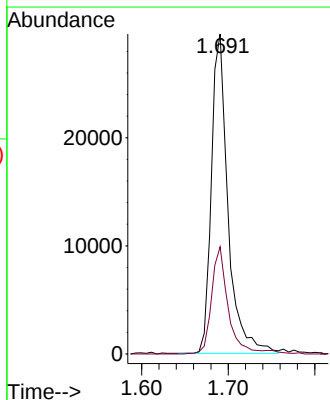
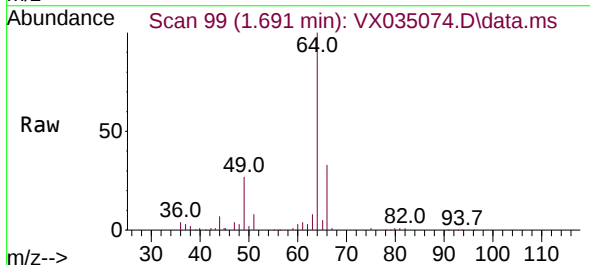
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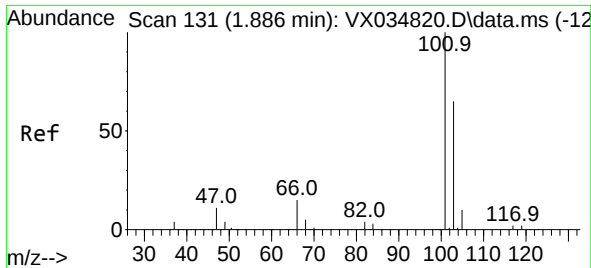
Reviewed By :John Carlone 04/17/2023
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#6
Chloroethane
Concen: 16.609 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035074.D
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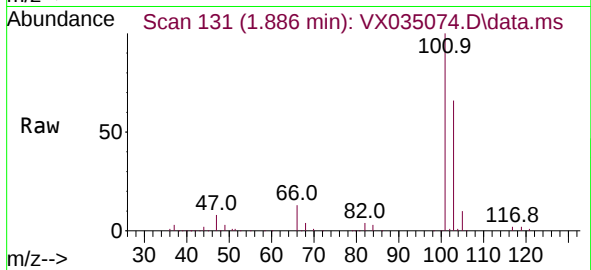
Tgt Ion: 64 Resp: 39369
Ion Ratio Lower Upper
64 100
66 33.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 17.671 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

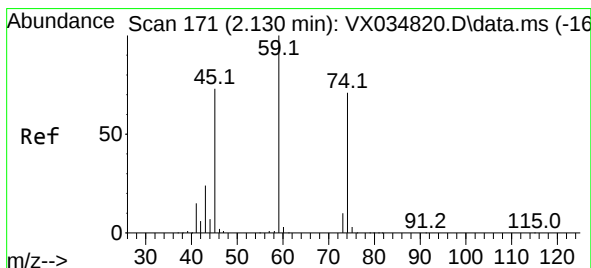
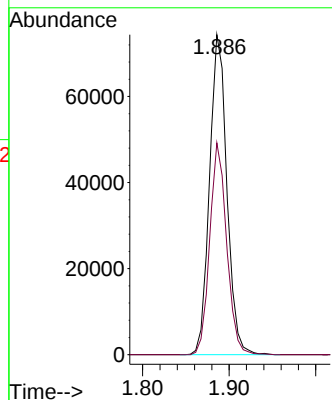
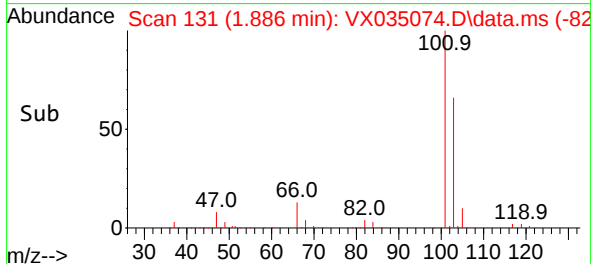
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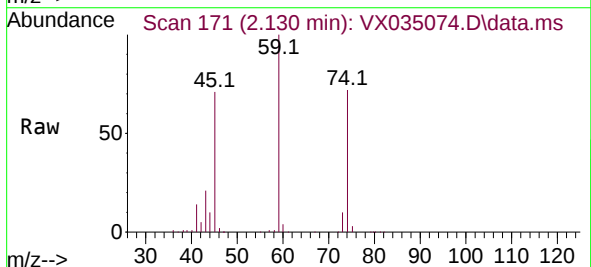
Tgt Ion:101 Resp: 103499
Ion Ratio Lower Upper
101 100
103 66.2 52.0 78.0

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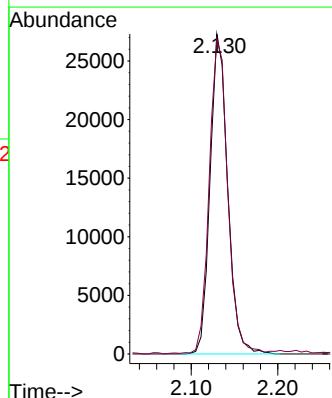
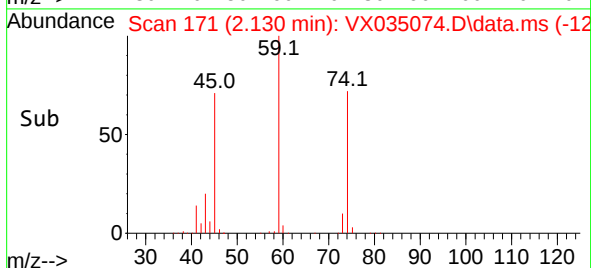
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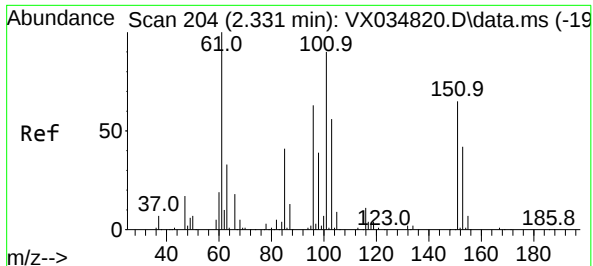


#8
Diethyl Ether
Concen: 18.626 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34



Tgt Ion: 74 Resp: 38459
Ion Ratio Lower Upper
74 100
45 104.4 49.8 149.3





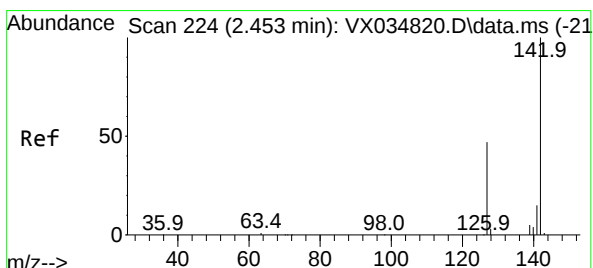
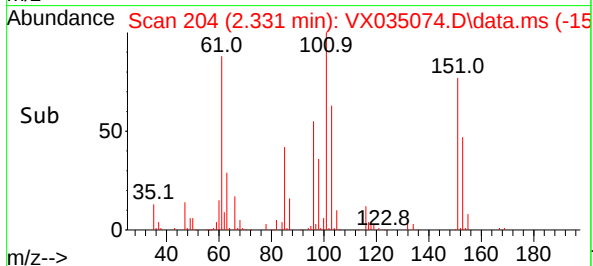
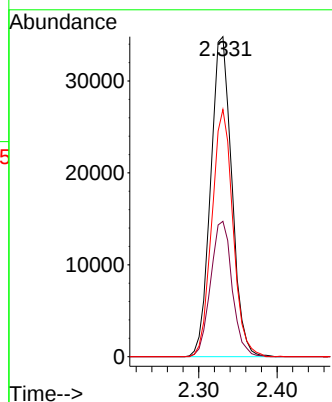
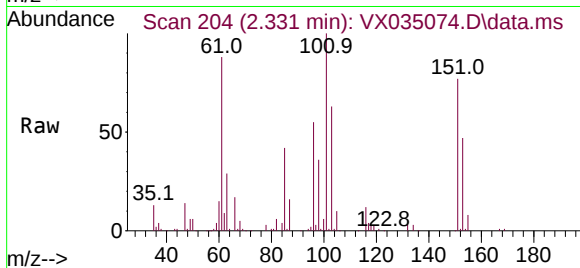
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.338 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01

Tgt Ion:101 Resp: 6532
Ion Ratio Lower Upper
101 100
85 43.1 35.4 53.2
151 76.9 60.2 90.4

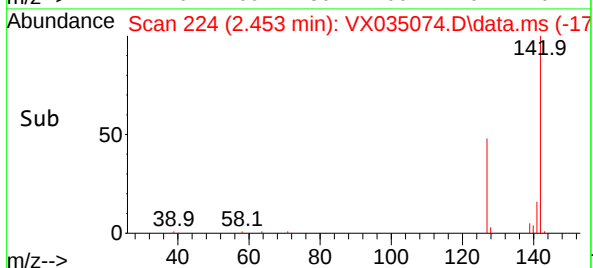
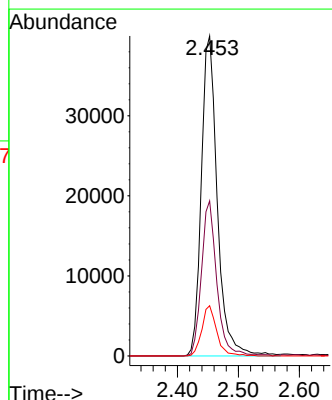
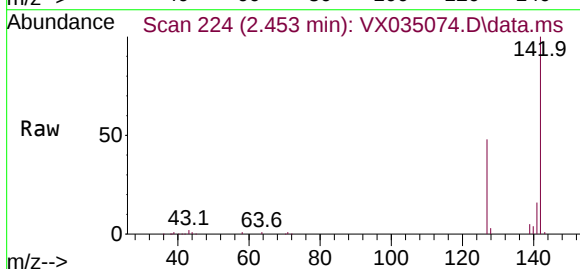
Manual Integrations
APPROVED

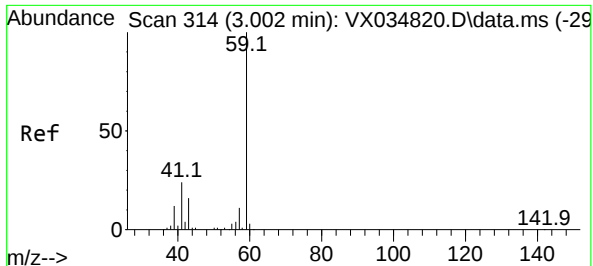
Reviewed By :John Carbone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#10
Methyl Iodide
Concen: 19.117 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

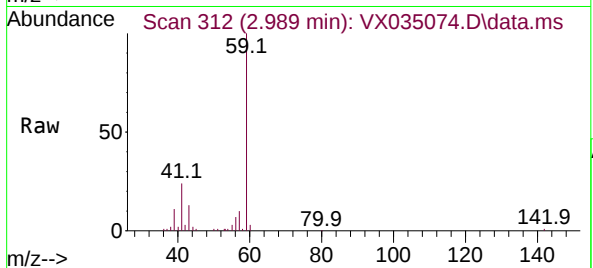
Tgt Ion:142 Resp: 72880
Ion Ratio Lower Upper
142 100
127 46.6 34.0 51.0
141 14.7 11.1 16.7





#11
Tert butyl alcohol
Concen: 100.076 ug/l
RT: 2.989 min Scan# 314
Delta R.T. -0.012 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

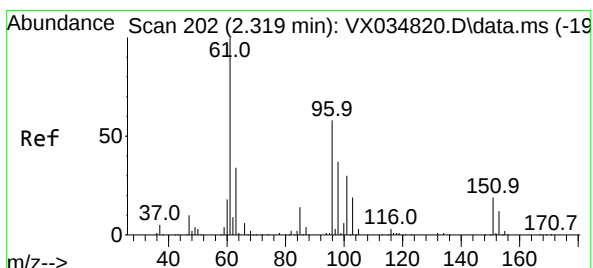
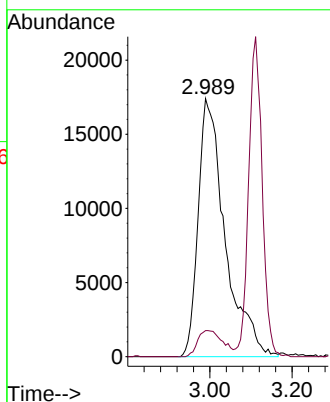
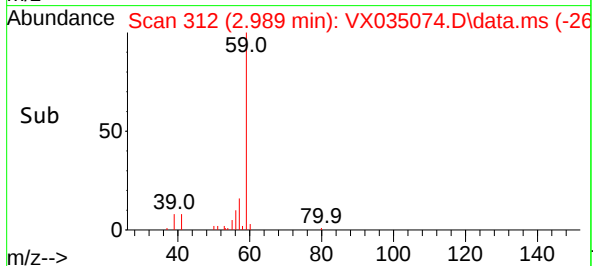
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01



Tgt Ion: 59 Resp: 79124
Ion Ratio Lower Upper
59 100
57 9.4 8.1 12.1

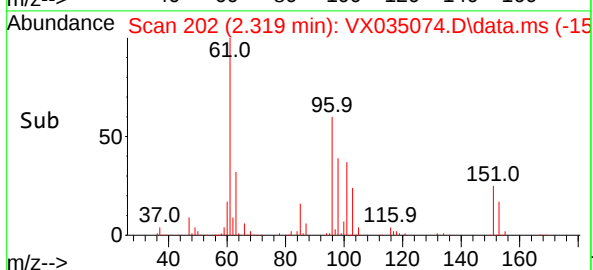
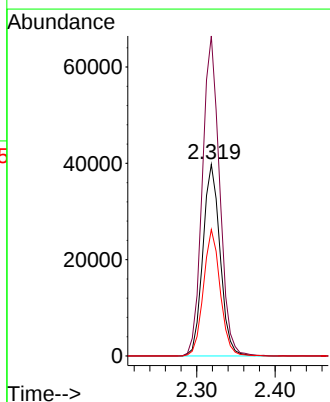
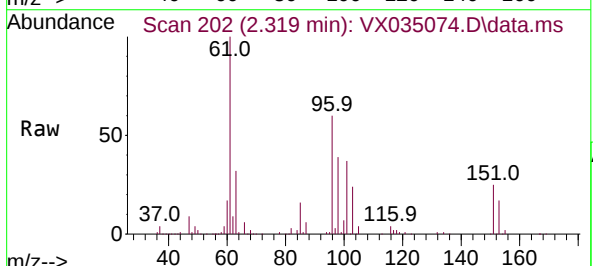
Manual Integrations
APPROVED

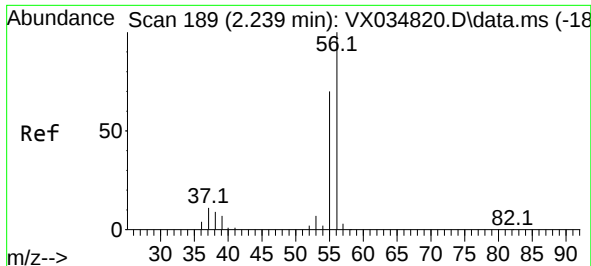
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#12
1,1-Dichloroethene
Concen: 20.002 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

Tgt Ion: 96 Resp: 60505
Ion Ratio Lower Upper
96 100
61 167.1 128.8 193.2
98 66.0 51.4 77.0





#13

Acrolein

Concen: 95.378 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBS01

Tgt Ion: 56 Resp: 7762

Ion Ratio Lower Upper

56 100

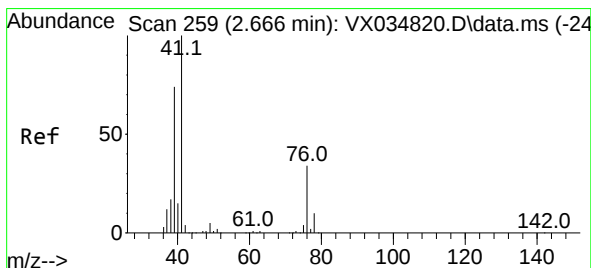
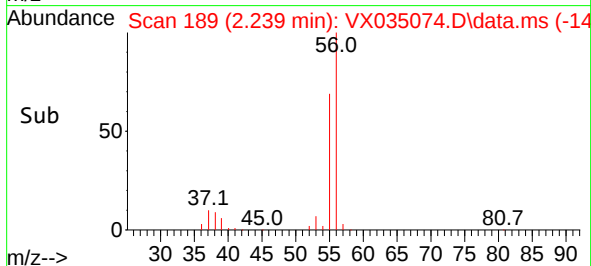
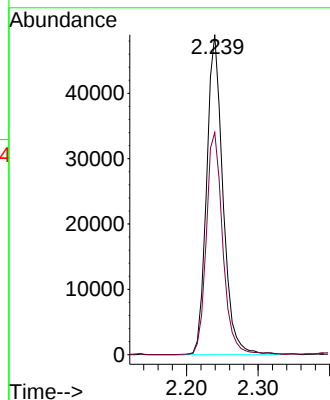
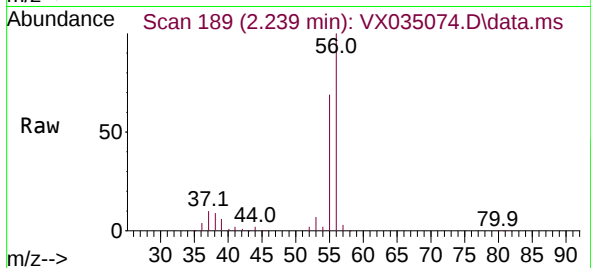
55 70.4 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#14

Allyl chloride

Concen: 19.777 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

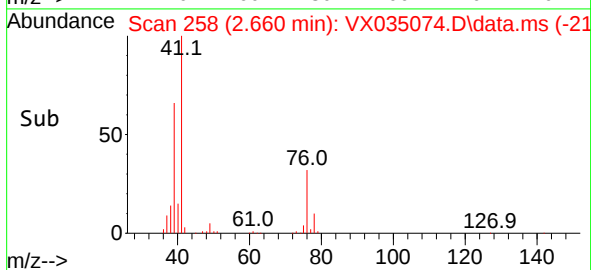
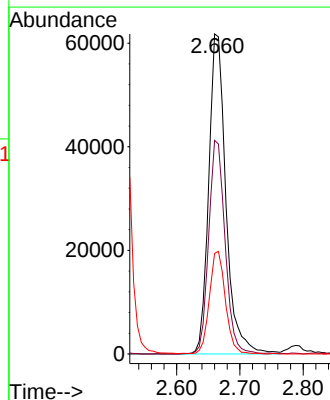
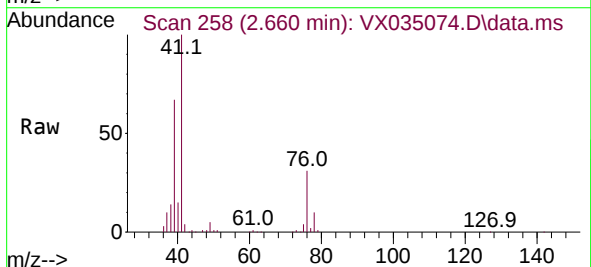
Tgt Ion: 41 Resp: 117203

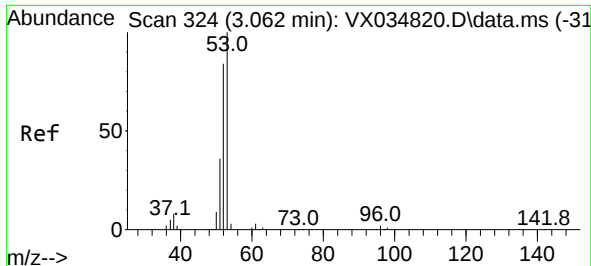
Ion Ratio Lower Upper

41 100

39 63.6 52.4 78.6

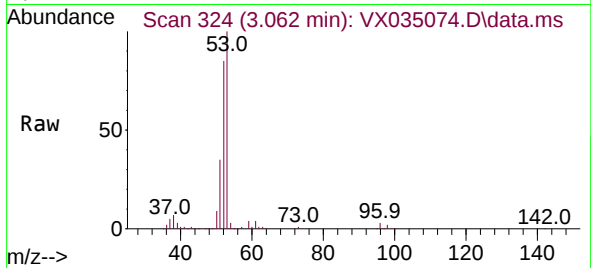
76 29.9 26.0 39.0





#15
Acrylonitrile
Concen: 103.830 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

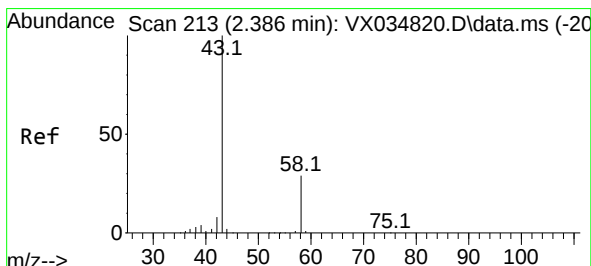
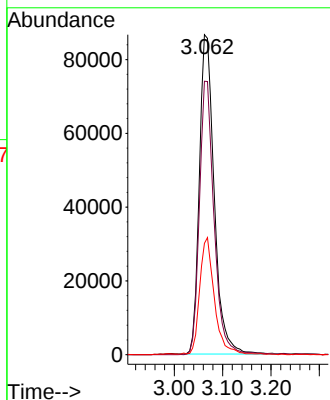
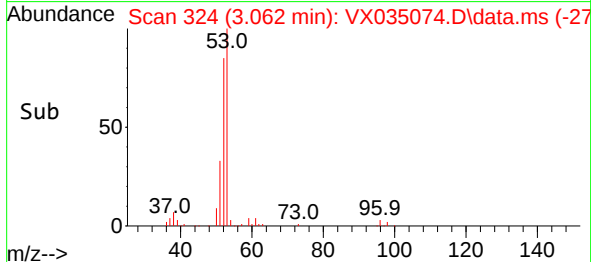
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01



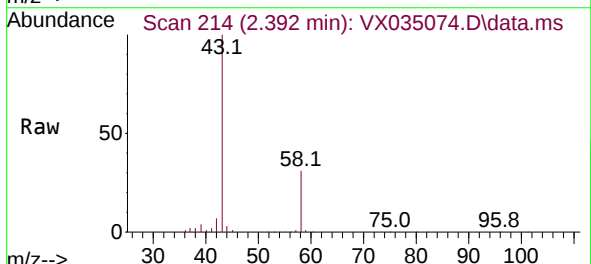
Tgt Ion: 53 Resp: 184784
Ion Ratio Lower Upper
53 100
52 84.6 66.2 99.2
51 36.1 28.3 42.5

Manual Integrations
APPROVED

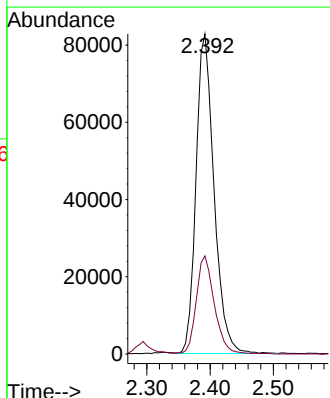
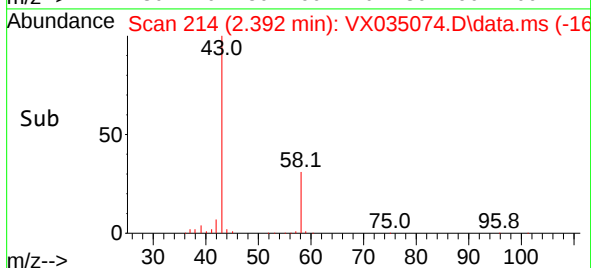
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

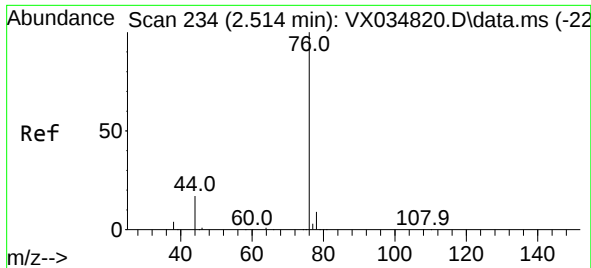


#16
Acetone
Concen: 89.558 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34



Tgt Ion: 43 Resp: 163943
Ion Ratio Lower Upper
43 100
58 30.7 24.7 37.1





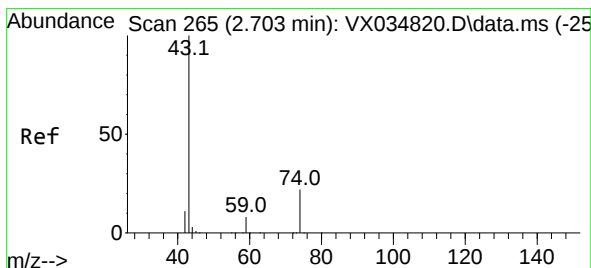
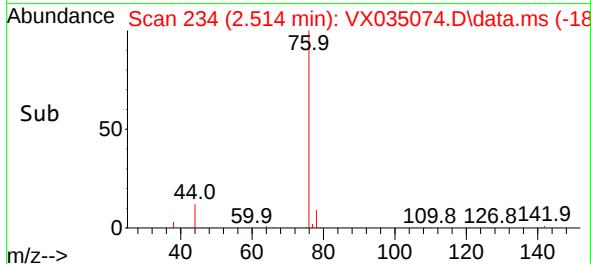
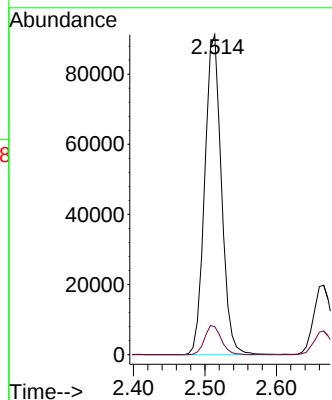
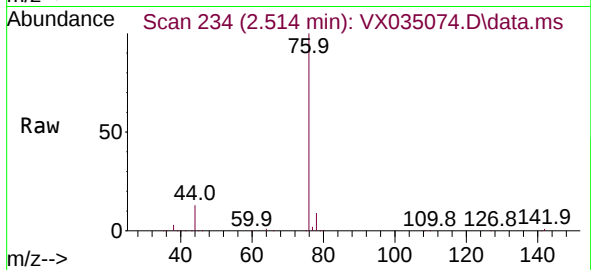
#17
Carbon Disulfide
Concen: 19.491 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01

Tgt Ion: 76 Resp: 14765
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

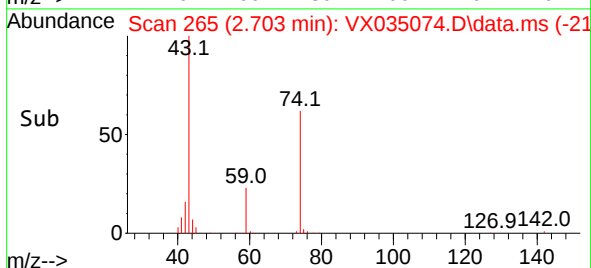
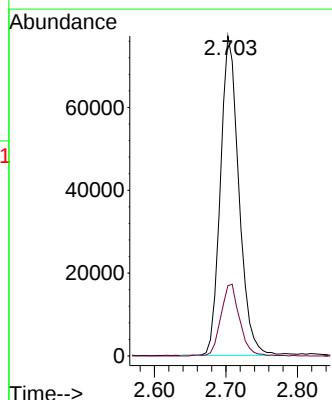
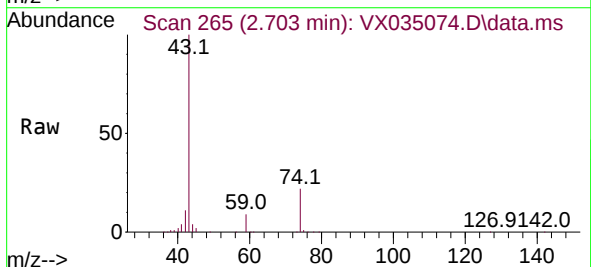
Manual Integrations
APPROVED

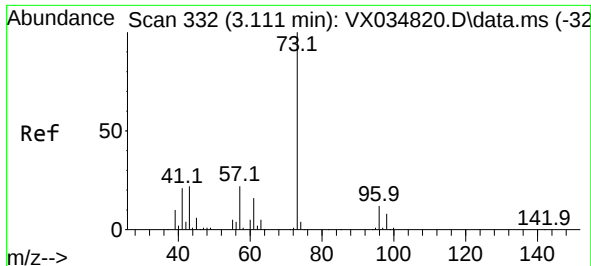
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#18
Methyl Acetate
Concen: 21.270 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

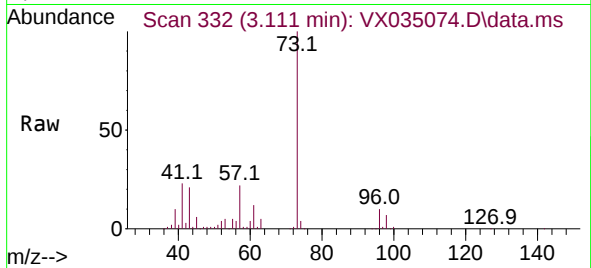
Tgt Ion: 43 Resp: 138344
Ion Ratio Lower Upper
43 100
74 22.9 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 19.945 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

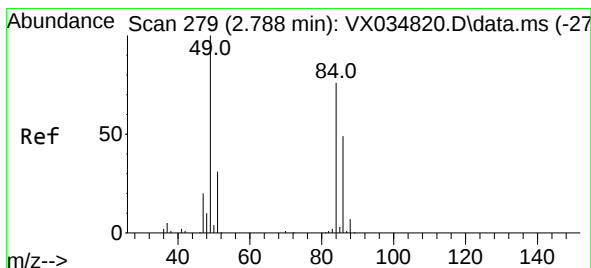
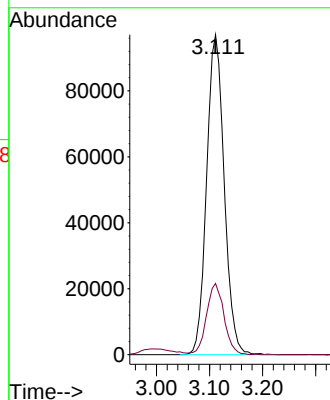
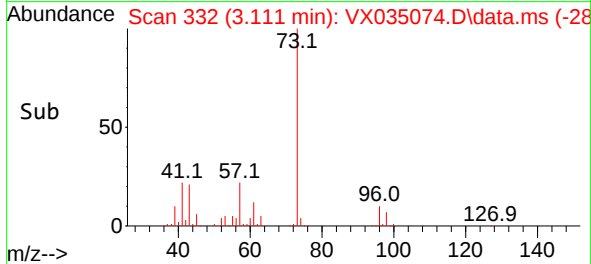
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01



Tgt Ion: 73 Resp: 22337
Ion Ratio Lower Upper
73 100
57 22.2 18.5 27.7

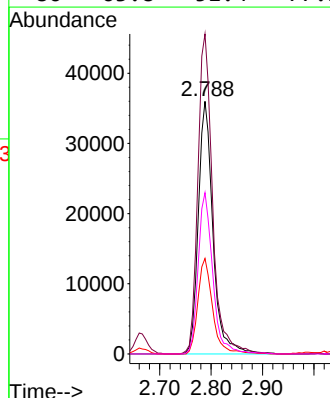
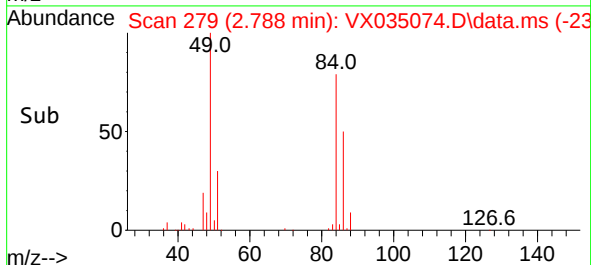
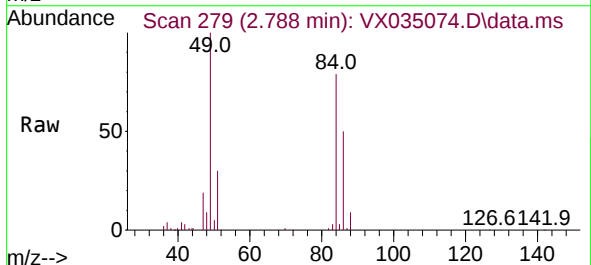
Manual Integrations
APPROVED

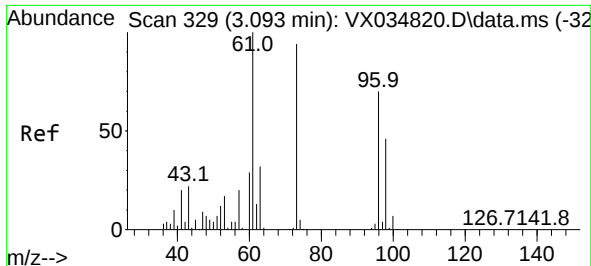
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#20
Methylene Chloride
Concen: 19.781 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

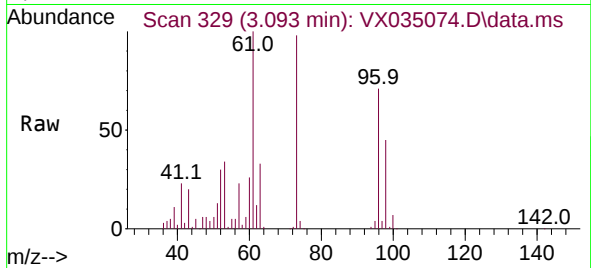
Tgt Ion: 84 Resp: 71454
Ion Ratio Lower Upper
84 100
49 126.6 103.8 155.8
51 37.8 31.8 47.8
86 63.8 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 20.280 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

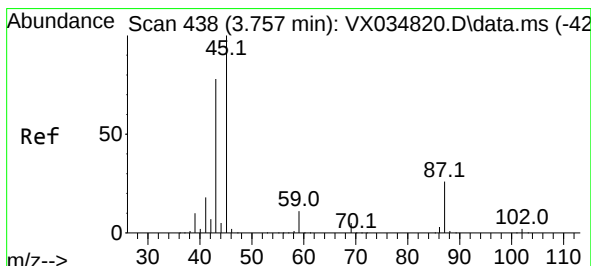
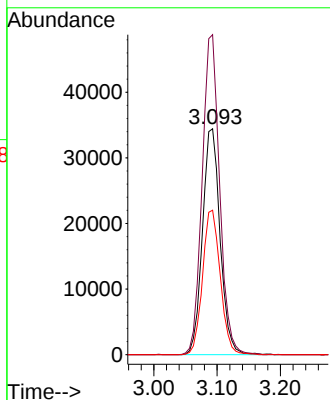
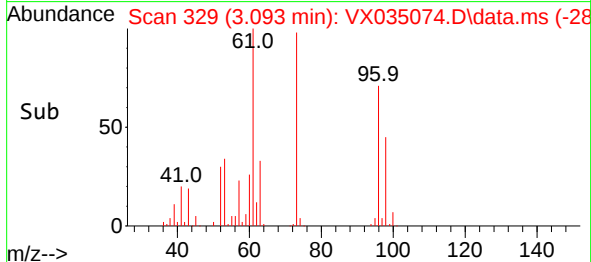
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01



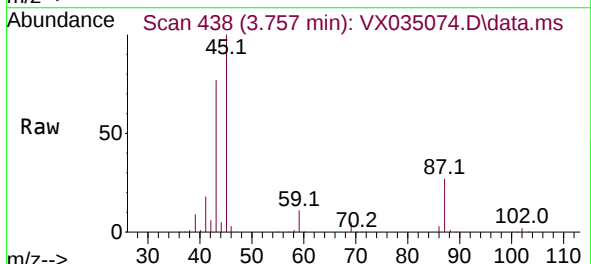
Tgt Ion: 96 Resp: 6690
Ion Ratio Lower Upper
96 100
61 141.6 113.0 169.6
98 63.9 52.1 78.1

Manual Integrations
APPROVED

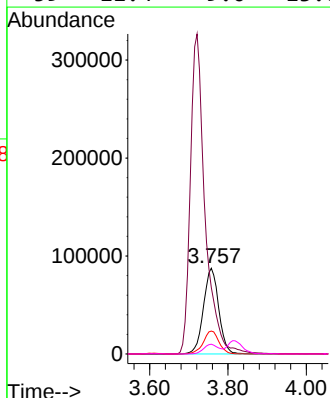
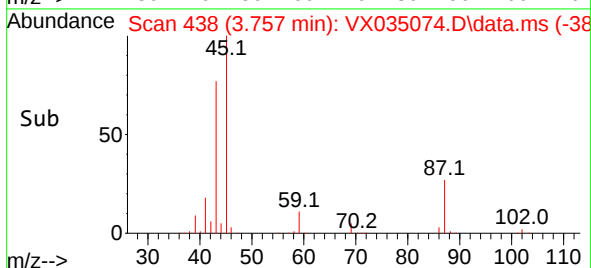
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

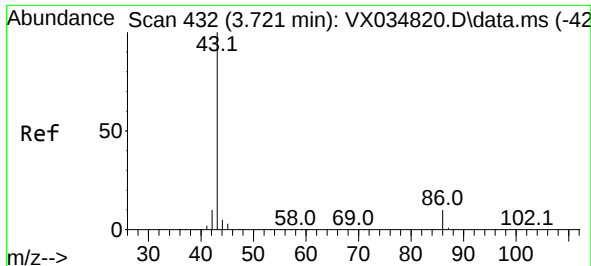


#22
Diisopropyl ether
Concen: 19.750 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34



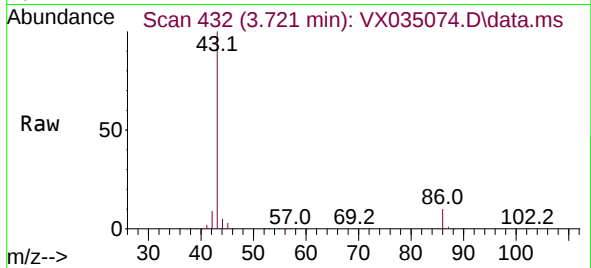
Tgt Ion: 45 Resp: 236164
Ion Ratio Lower Upper
45 100
43 77.0 65.4 98.2
87 26.6 20.6 31.0
59 11.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 100.479 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035074.D
 Acq: 14 Apr 2023 11:34

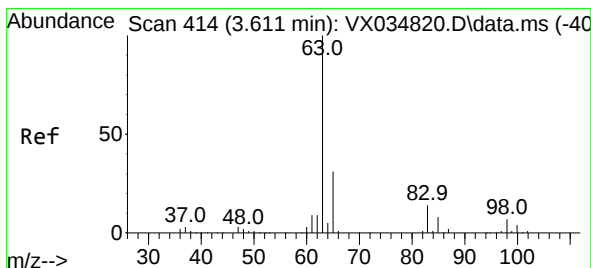
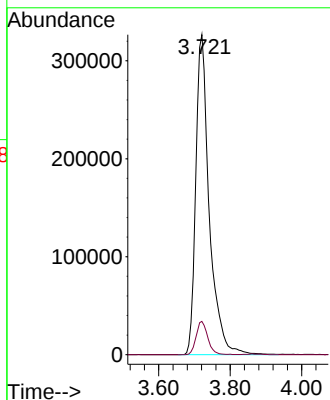
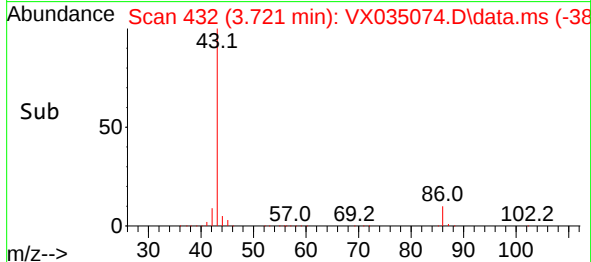
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415MBS01



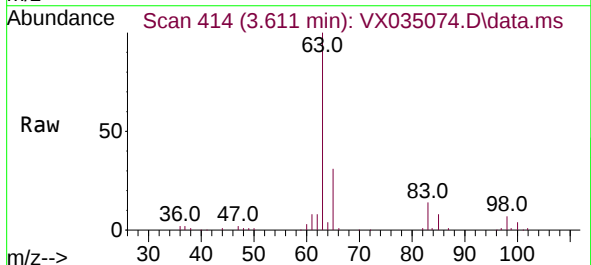
Tgt Ion: 43 Resp: 856879
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7

Manual Integrations
 APPROVED

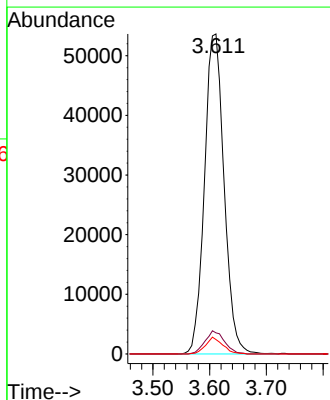
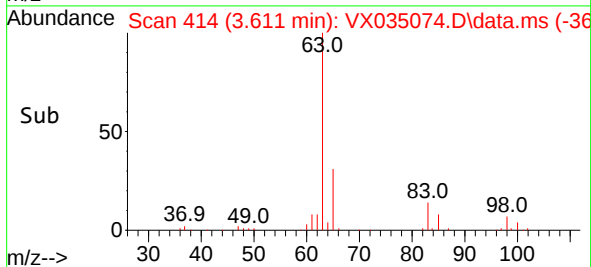
Reviewed By :John Carlone 04/17/2023
 Supervised By :Mahesh Dadoda 04/17/2023

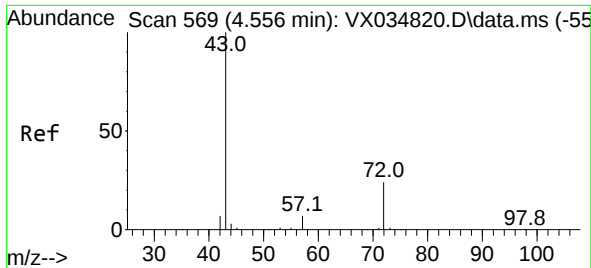


#24
 1,1-Dichloroethane
 Concen: 20.024 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX035074.D
 Acq: 14 Apr 2023 11:34



Tgt Ion: 63 Resp: 128829
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.2
 100 4.5 2.4 7.1





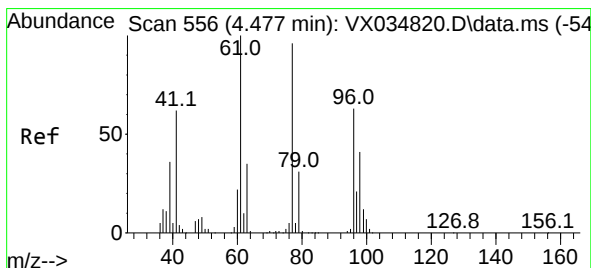
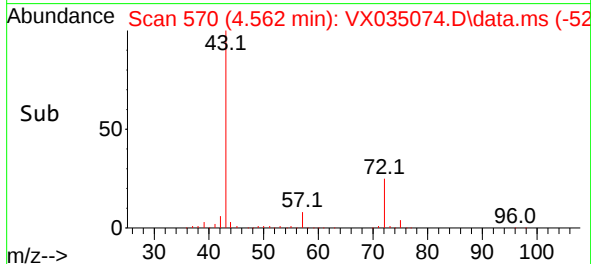
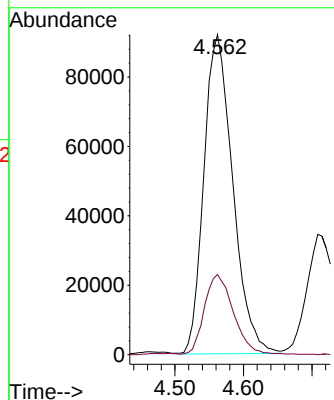
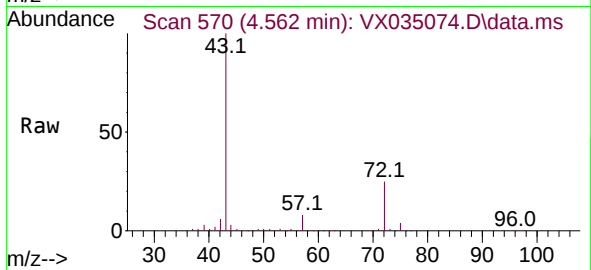
#25
2-Butanone
Concen: 101.232 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01

Tgt Ion: 43 Resp: 26956
Ion Ratio Lower Upper
43 100
72 25.0 19.3 28.9

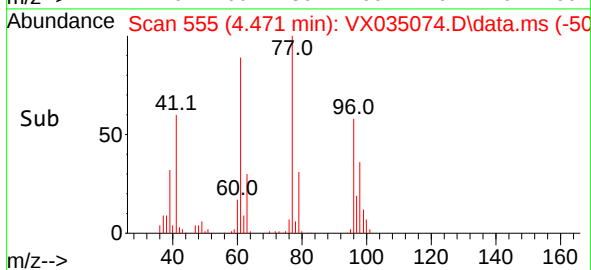
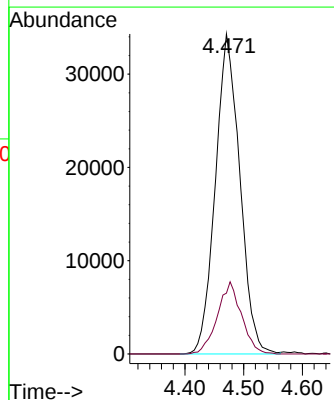
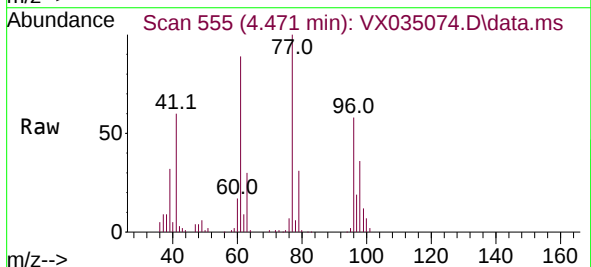
Manual Integrations
APPROVED

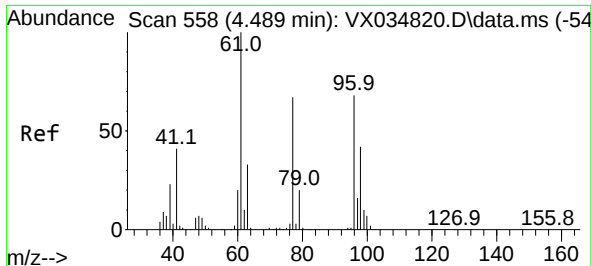
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#26
2,2-Dichloropropane
Concen: 18.757 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

Tgt Ion: 77 Resp: 99241
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.920 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBS01

Tgt Ion: 96 Resp: 77869

Ion Ratio Lower Upper

96 100

61 149.4 0.0 300.4

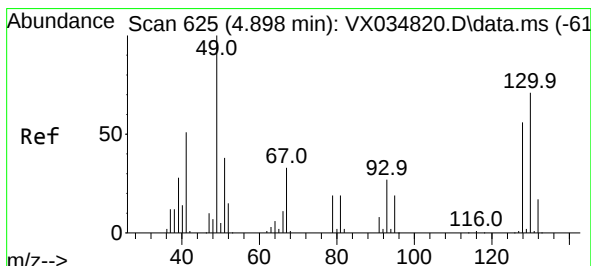
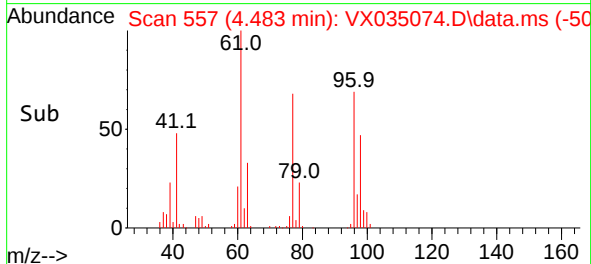
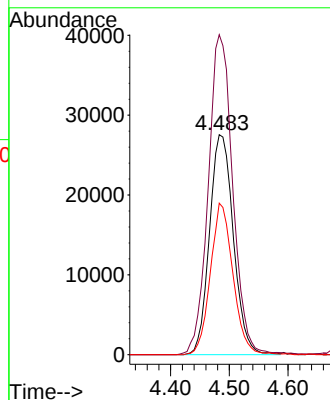
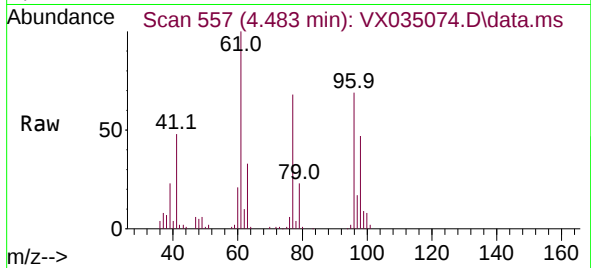
98 65.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#28

Bromochloromethane

Concen: 22.139 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

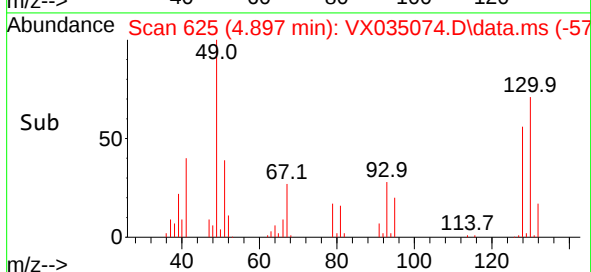
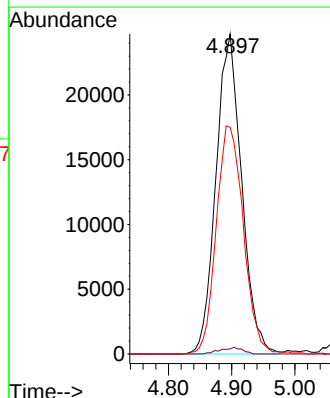
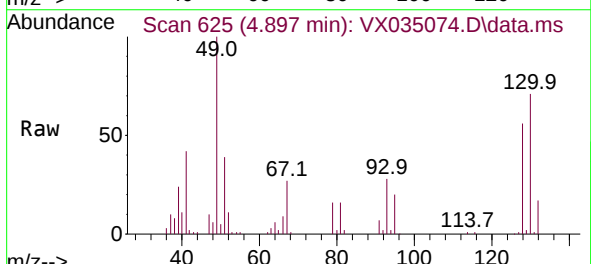
Tgt Ion: 49 Resp: 69675

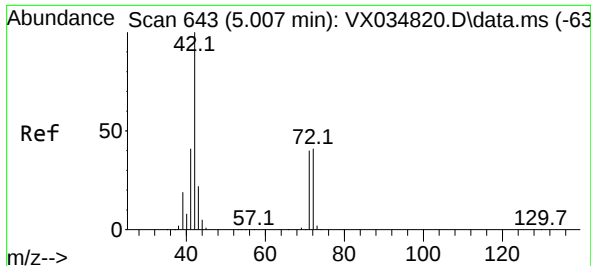
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

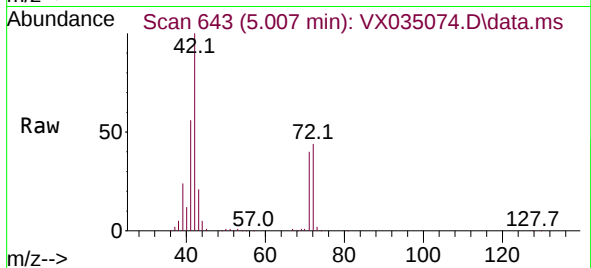
130 75.3 58.2 87.2





#29
Tetrahydrofuran
Concen: 101.655 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

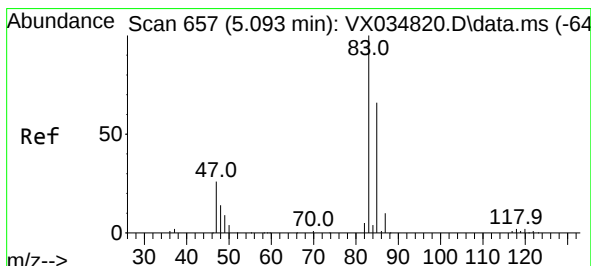
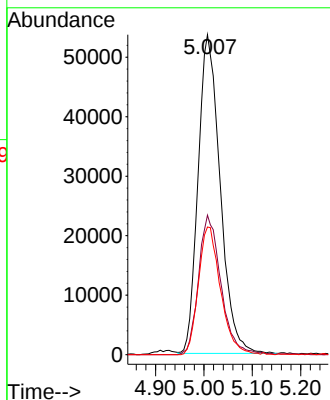
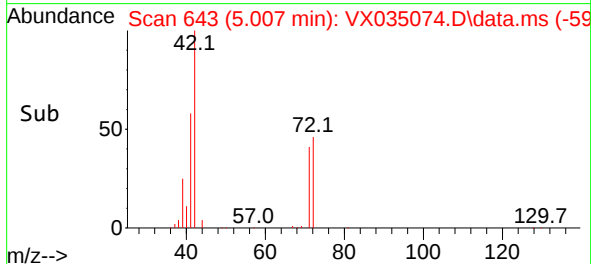
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01



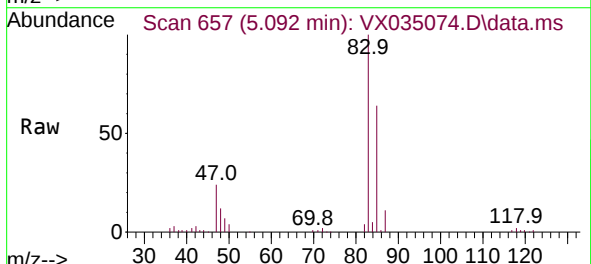
Tgt Ion: 42 Resp: 169574
Ion Ratio Lower Upper
42 100
72 44.5 34.5 51.7
71 40.3 32.1 48.1

Manual Integrations
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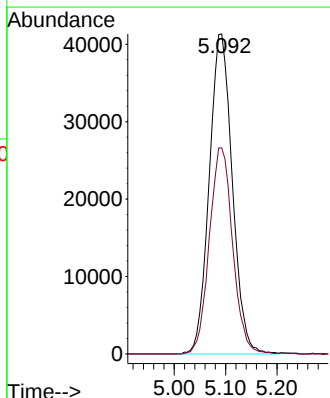
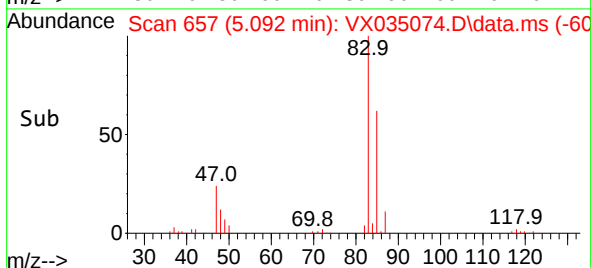
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

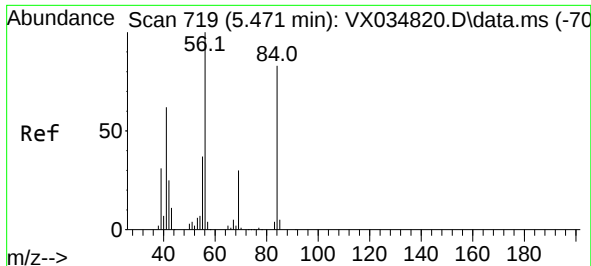


#30
Chloroform
Concen: 19.720 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34



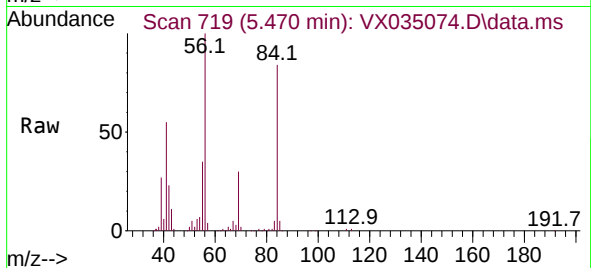
Tgt Ion: 83 Resp: 128864
Ion Ratio Lower Upper
83 100
85 64.4 50.6 76.0





#31
Cyclohexane
Concen: 20.340 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

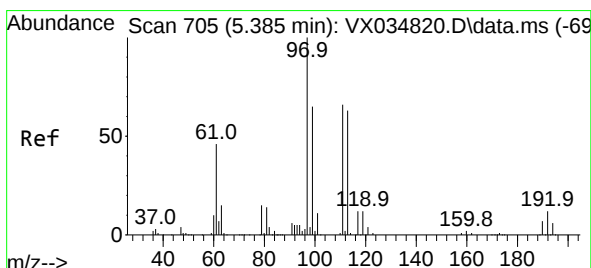
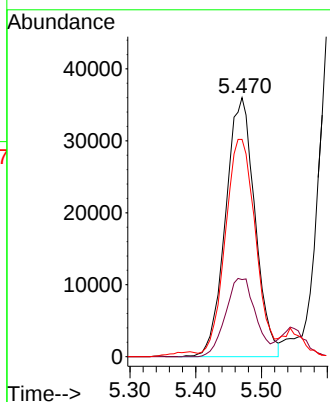
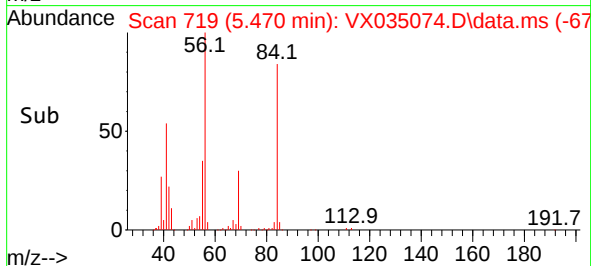
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01



Tgt Ion: 56 Resp: 111609
Ion Ratio Lower Upper
56 100
69 29.8 23.7 35.5
84 82.2 68.5 102.7

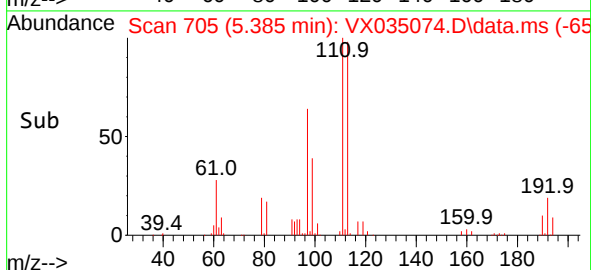
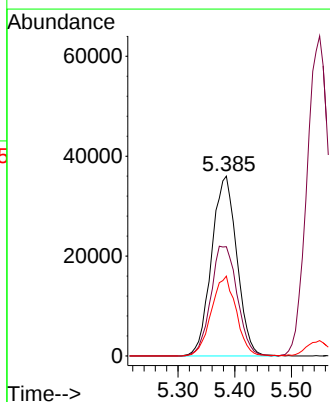
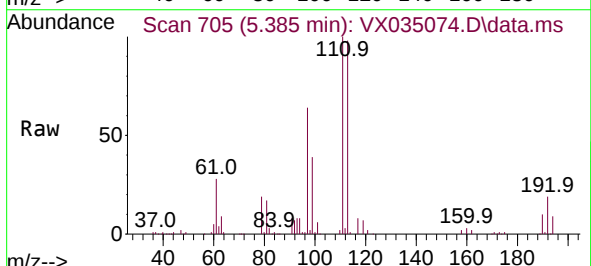
Manual Integrations
APPROVED

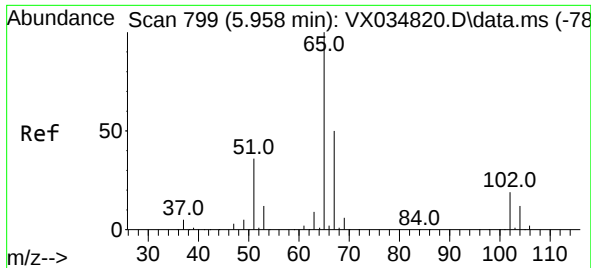
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#32
1,1,1-Trichloroethane
Concen: 19.986 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

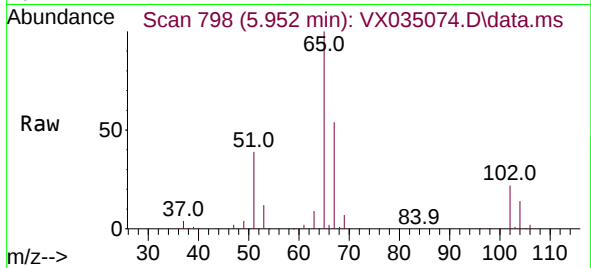
Tgt Ion: 97 Resp: 111451
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 43.7 36.5 54.7





#33
 1,2-Dichloroethane-d4
 Concen: 45.614 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX035074.D
 Acq: 14 Apr 2023 11:34

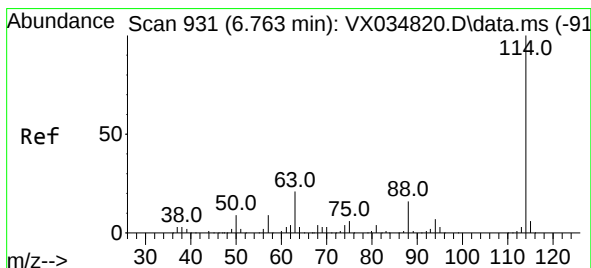
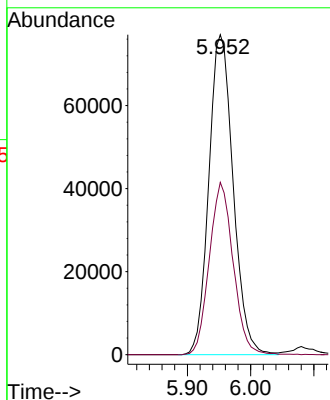
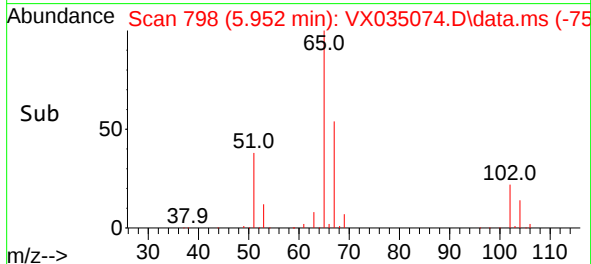
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415MBS01



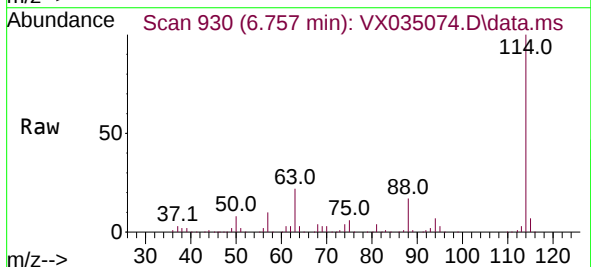
Tgt Ion: 65 Resp: 205550
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.0

Manual Integrations
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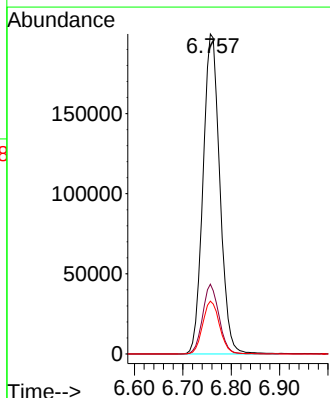
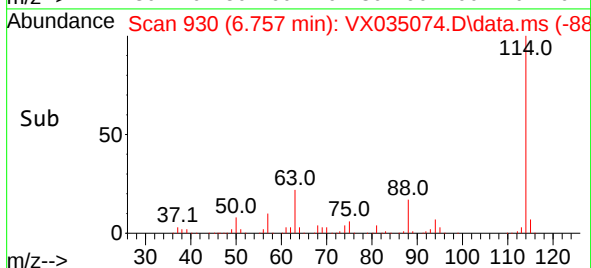
Reviewed By :John Carlone 04/17/2023
 Supervised By :Mahesh Dadoda 04/17/2023

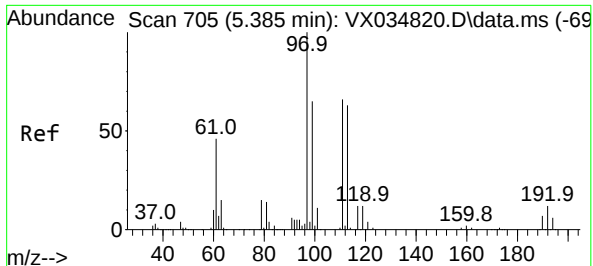


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX035074.D
 Acq: 14 Apr 2023 11:34



Tgt Ion:114 Resp: 482536
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.2
 88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.294 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX035074.D

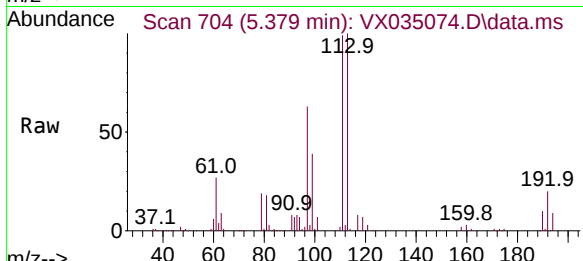
Acq: 14 Apr 2023 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBS01



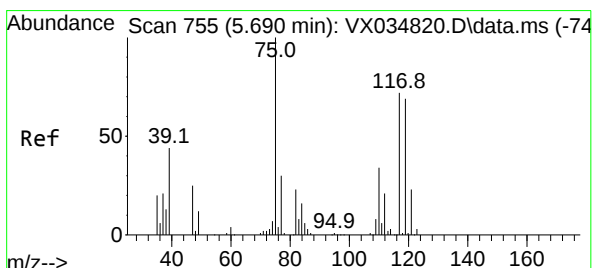
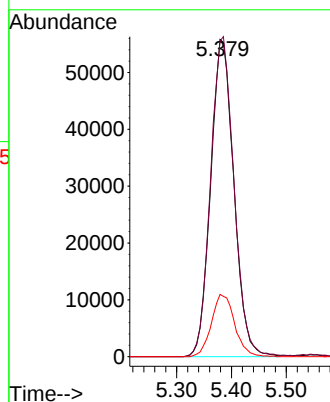
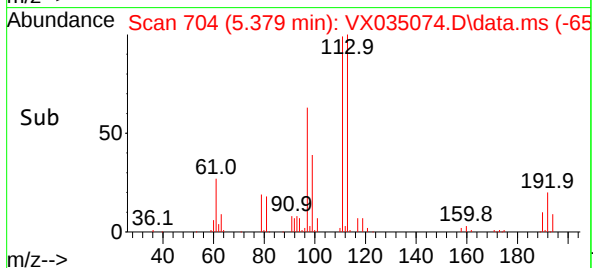
Tgt Ion:	113	Resp:	16371
Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.7	125.5
192	19.7	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#36

1,1-Dichloropropene

Concen: 20.443 ug/l

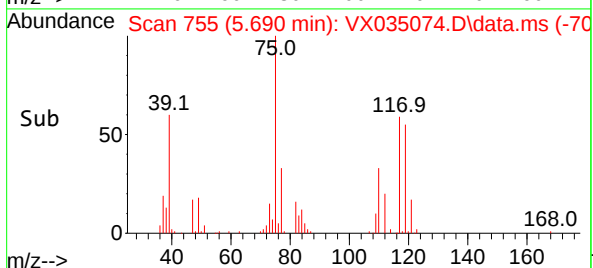
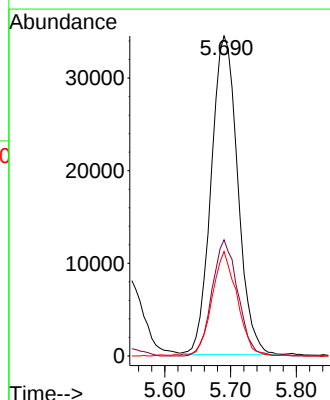
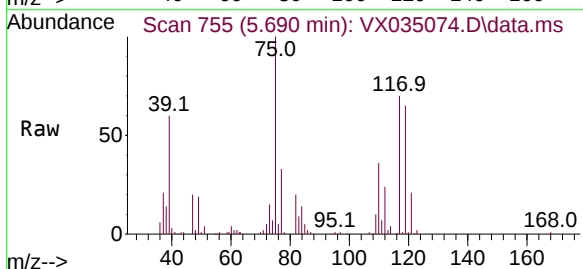
RT: 5.690 min Scan# 755

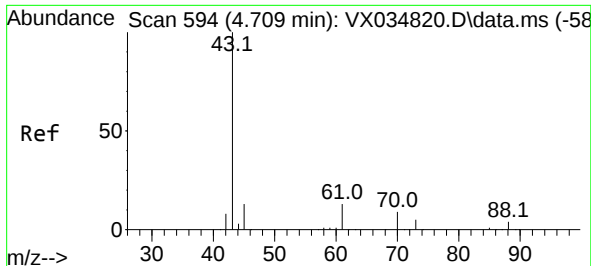
Delta R.T. -0.000 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

Tgt Ion:	75	Resp:	96661
Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.5	52.5
77	30.7	24.3	36.5





#37

Ethyl Acetate

Concen: 20.162 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.000 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBS01

Tgt Ion: 43 Resp: 99684

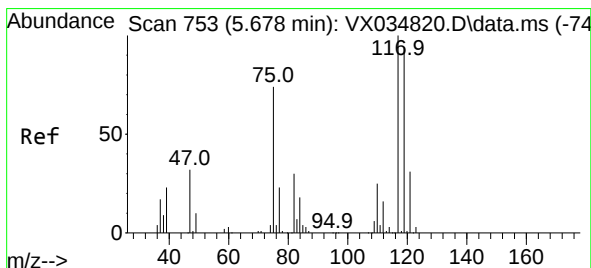
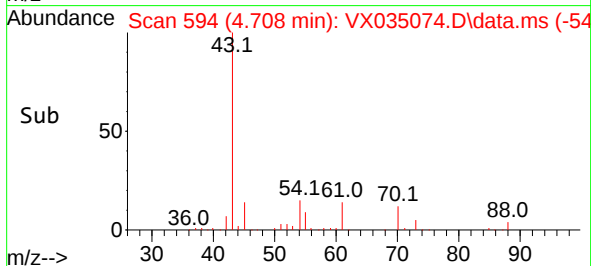
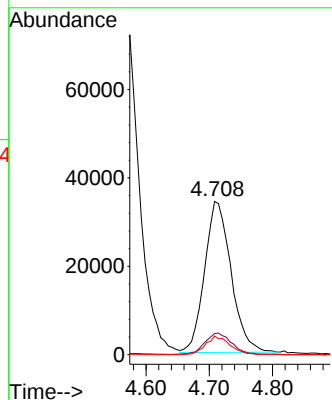
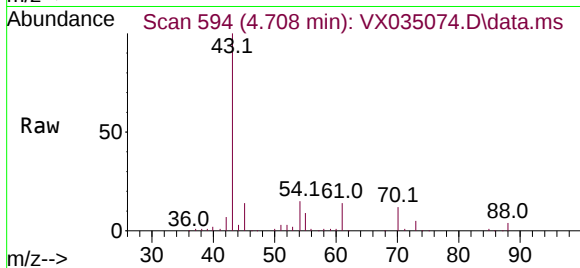
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.2	15.4
70	11.2	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#38

Carbon Tetrachloride

Concen: 21.062 ug/l

RT: 5.672 min Scan# 752

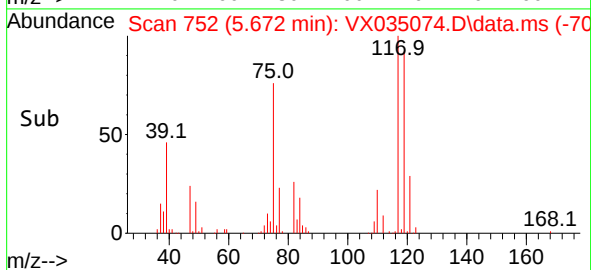
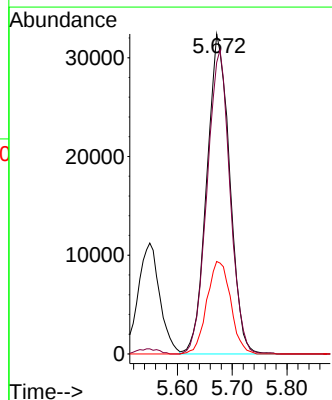
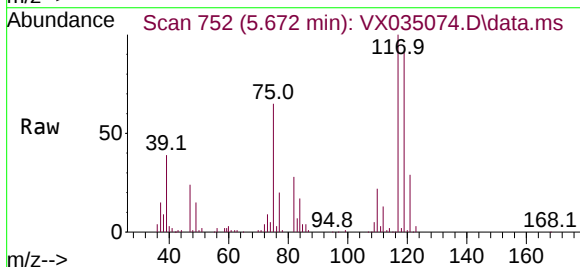
Delta R.T. -0.006 min

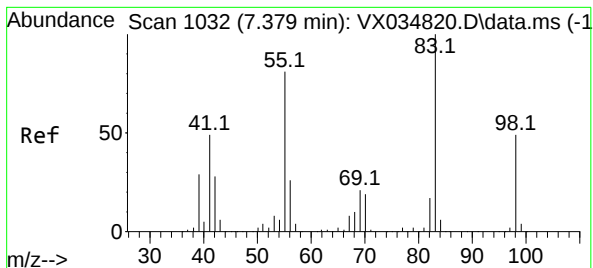
Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

Tgt Ion:117 Resp: 93895

Ion	Ratio	Lower	Upper
117	100		
119	91.1	76.6	114.8
121	28.9	23.8	35.6





#39

Methylcyclohexane

Concen: 20.846 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBS01

Tgt Ion: 83 Resp: 104668

Ion Ratio Lower Upper

83 100

55 75.1 60.5 90.7

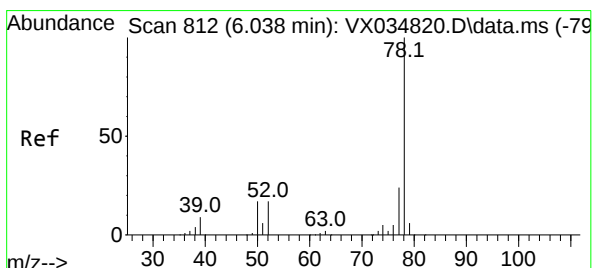
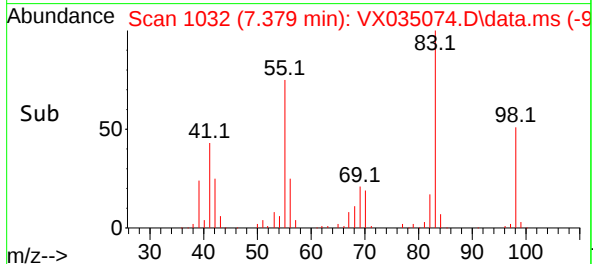
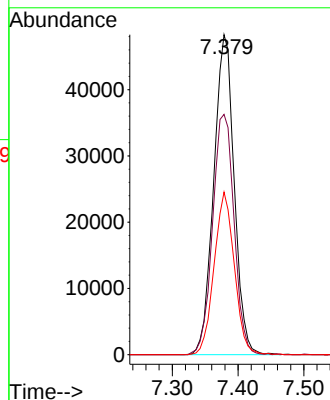
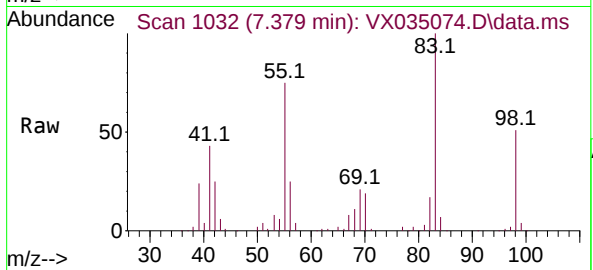
98 50.8 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#40

Benzene

Concen: 20.891 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX035074.D

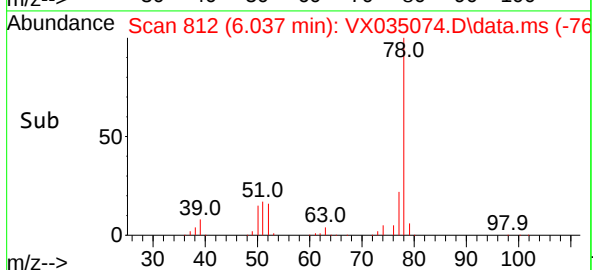
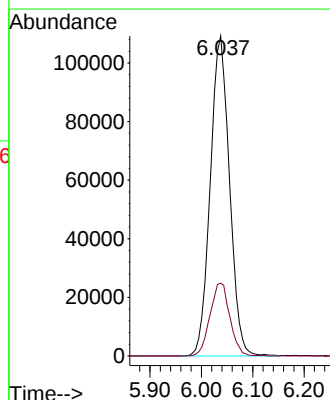
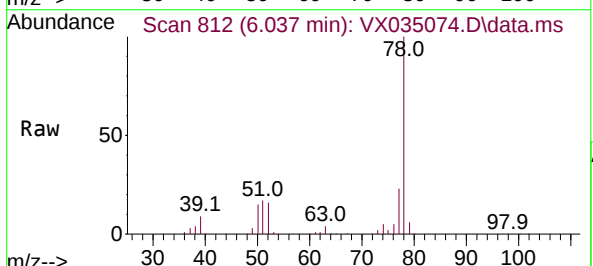
Acq: 14 Apr 2023 11:34

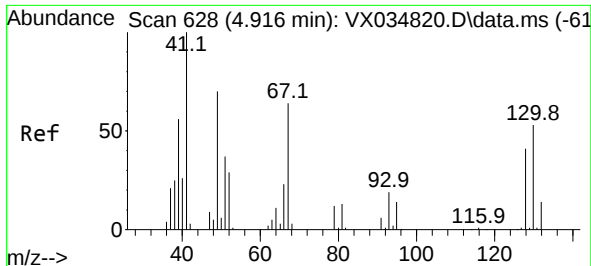
Tgt Ion: 78 Resp: 283564

Ion Ratio Lower Upper

78 100

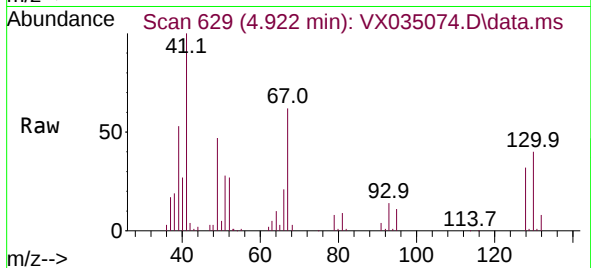
77 22.8 19.0 28.4





#41
Methacrylonitrile
Concen: 22.170 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

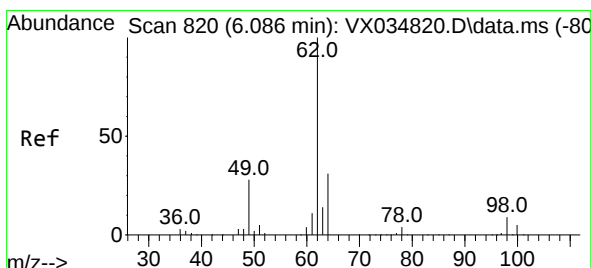
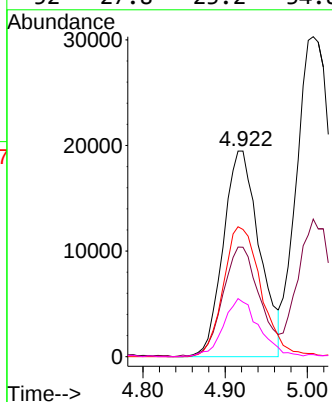
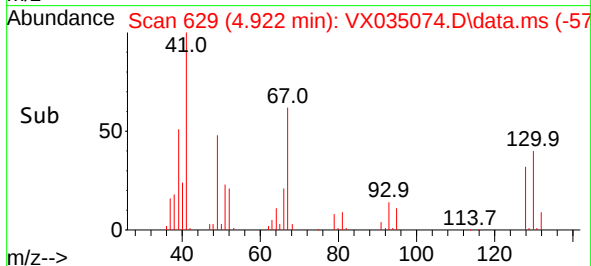
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01



Tgt Ion: 41	Resp: 59610
Ion Ratio	Lower Upper
41 100	
39 54.2	45.0 67.6
67 66.1	55.6 83.4
52 27.8	23.2 34.8

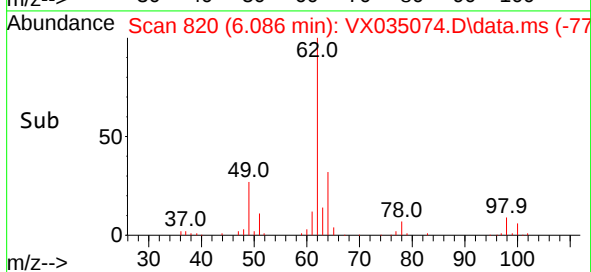
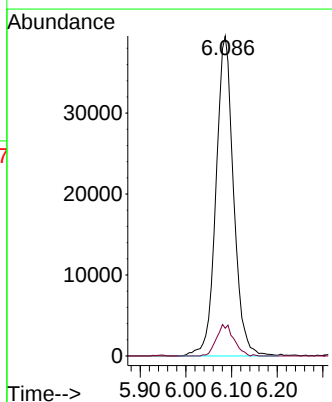
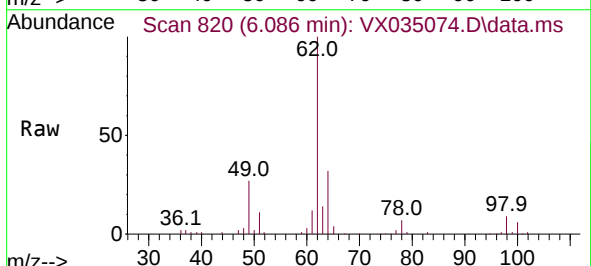
Manual Integrations
APPROVED

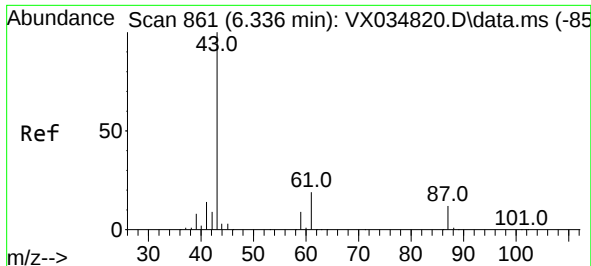
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#42
1,2-Dichloroethane
Concen: 19.567 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

Tgt Ion: 62	Resp: 105589
Ion Ratio	Lower Upper
62 100	
98 9.7	0.0 18.0





#43

Isopropyl Acetate

Concen: 19.890 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX035074.D

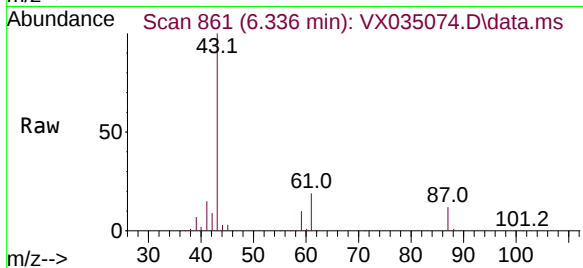
Acq: 14 Apr 2023 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBS01



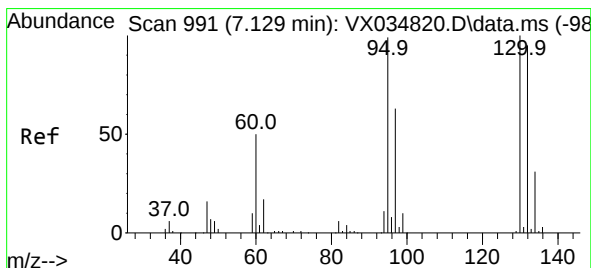
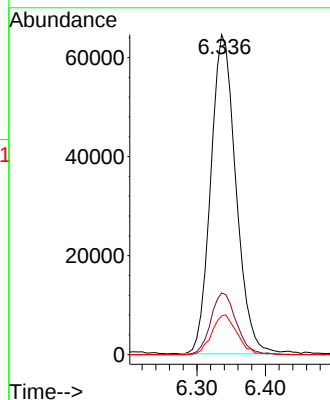
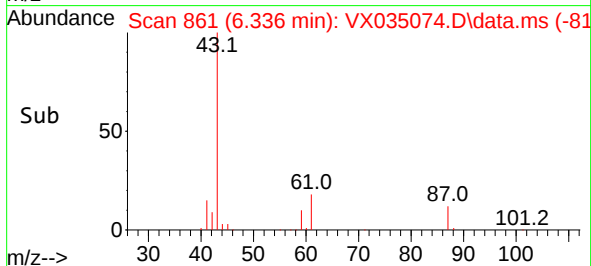
Tgt Ion: 43	Resp: 164520
Ion Ratio	Lower Upper
43	100
61	19.8 15.2 22.8
87	12.6 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#44

Trichloroethene

Concen: 21.485 ug/l

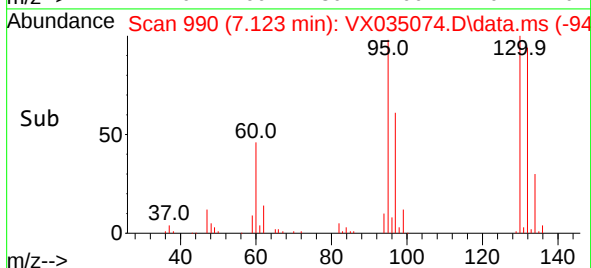
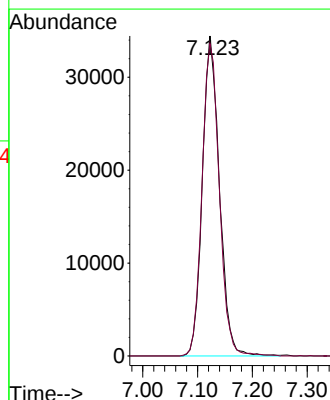
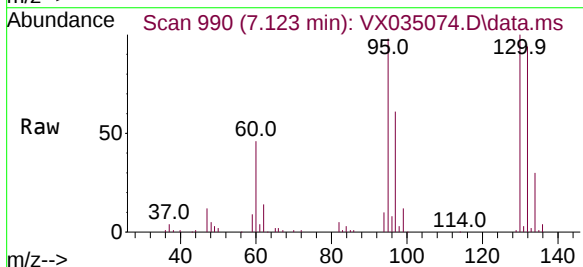
RT: 7.123 min Scan# 990

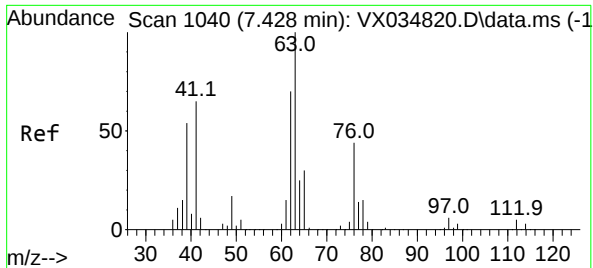
Delta R.T. -0.006 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

Tgt Ion:130	Resp: 74444
Ion Ratio	Lower Upper
130	100
95	97.6 0.0 198.4





#45

1,2-Dichloropropane

Concen: 21.032 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBS01

Tgt Ion: 63 Resp: 7439

Ion Ratio Lower Upper

63 100

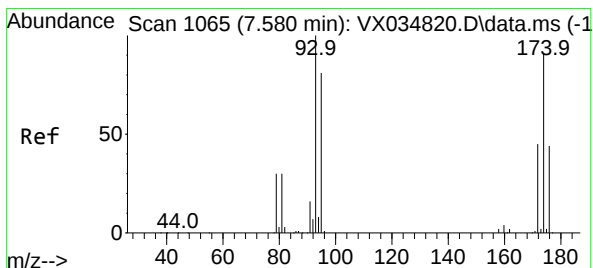
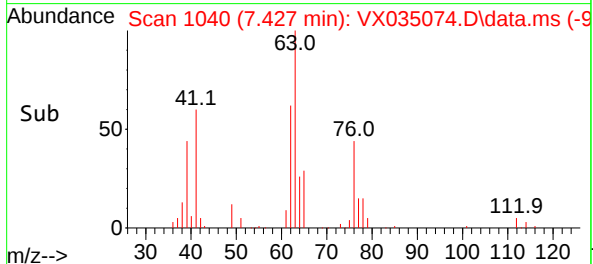
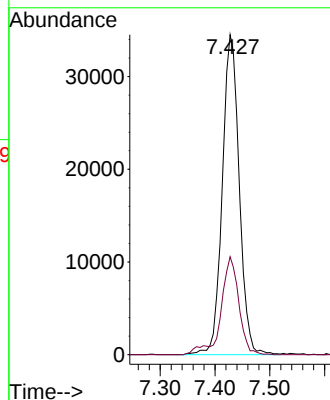
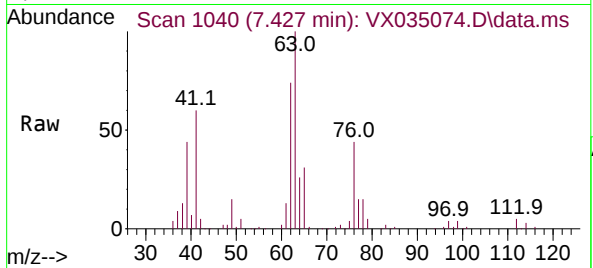
65 30.6 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#46

Dibromomethane

Concen: 19.809 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

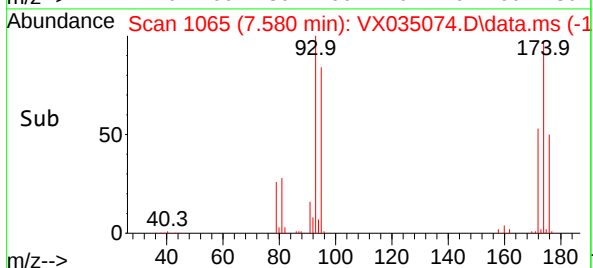
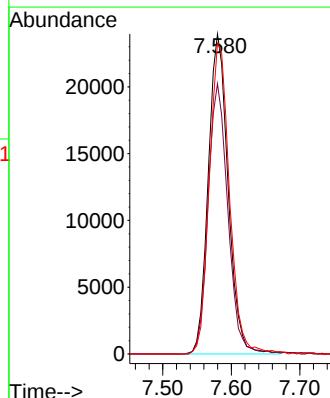
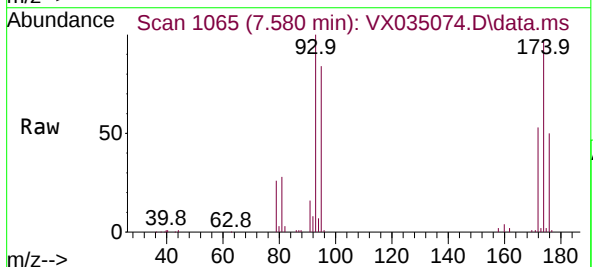
Tgt Ion: 93 Resp: 48207

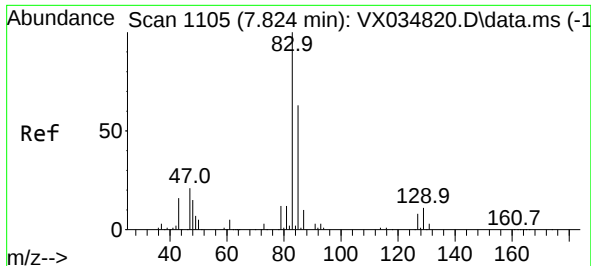
Ion Ratio Lower Upper

93 100

95 84.4 66.9 100.3

174 99.1 75.4 113.0





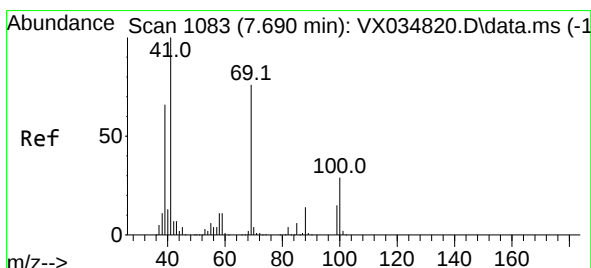
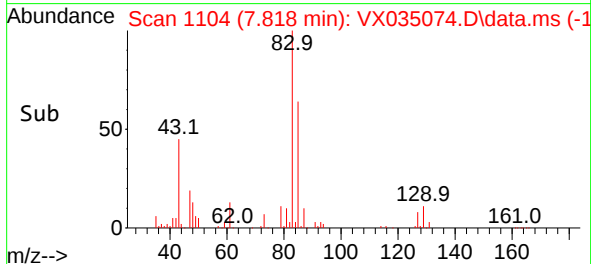
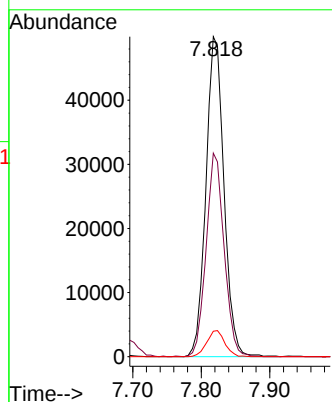
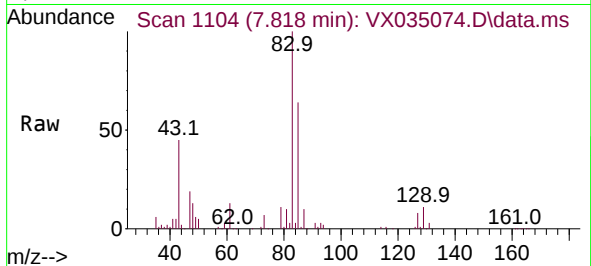
#47
Bromodichloromethane
Concen: 20.343 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01

Tgt Ion: 83 Resp: 9144
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.4
127 8.0 6.6 9.8

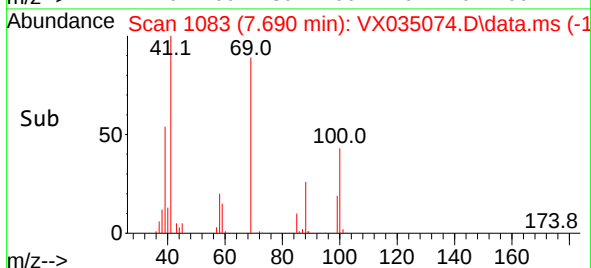
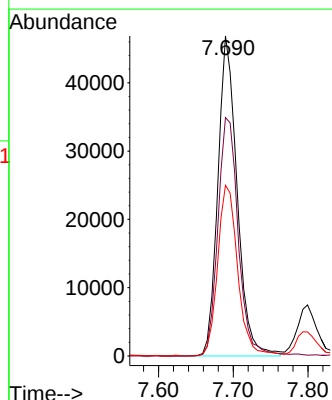
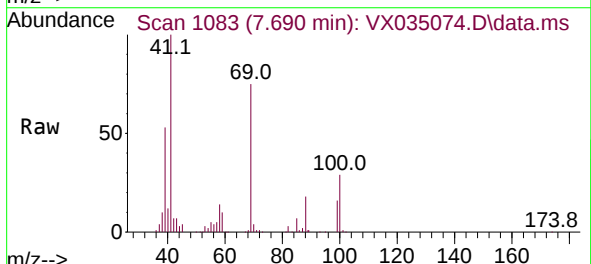
Manual Integrations
APPROVED

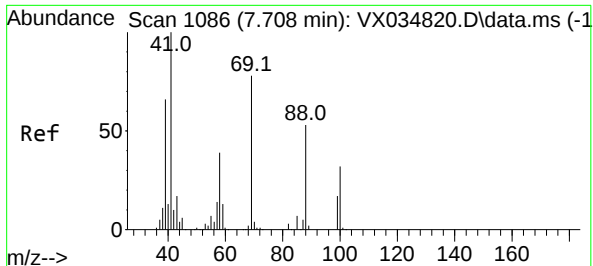
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#48
Methyl methacrylate
Concen: 20.674 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

Tgt Ion: 41 Resp: 83980
Ion Ratio Lower Upper
41 100
69 79.3 62.2 93.4
39 55.8 47.7 71.5





#49

1,4-Dioxane

Concen: 441.178 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. -0.006 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBS01

Tgt Ion: 88 Resp: 3693

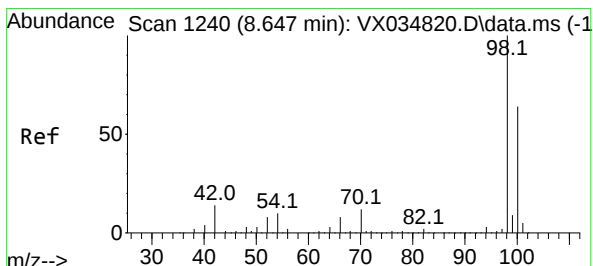
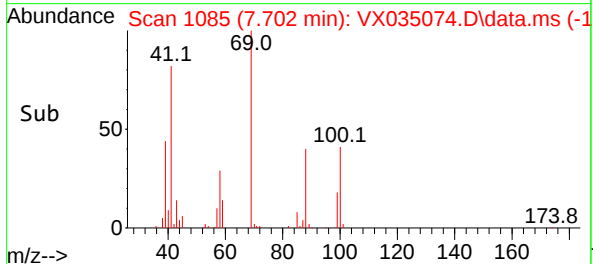
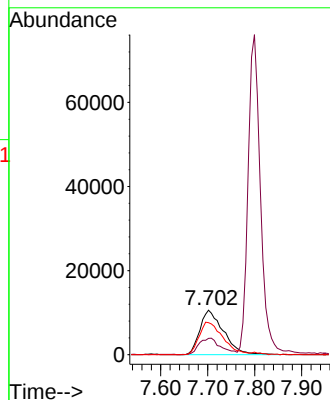
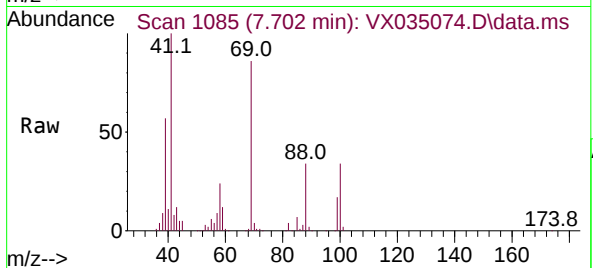
Ion	Ratio	Lower	Upper
88	100		
43	33.2	27.7	41.5
58	73.1	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#50

Toluene-d8

Concen: 50.864 ug/l

RT: 8.647 min Scan# 1240

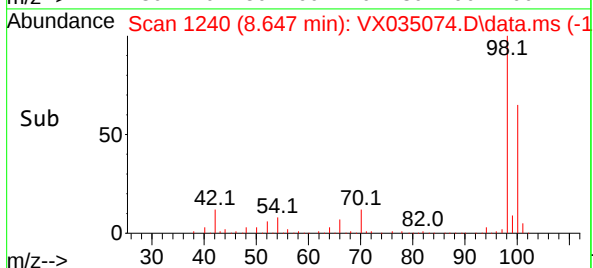
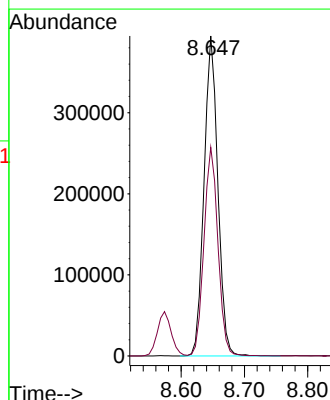
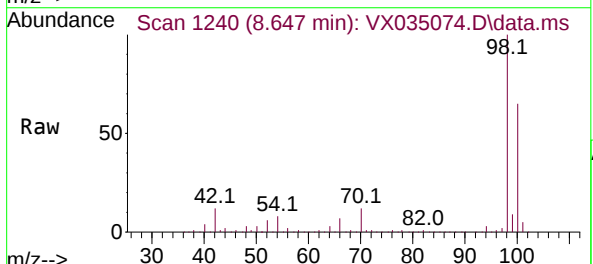
Delta R.T. -0.000 min

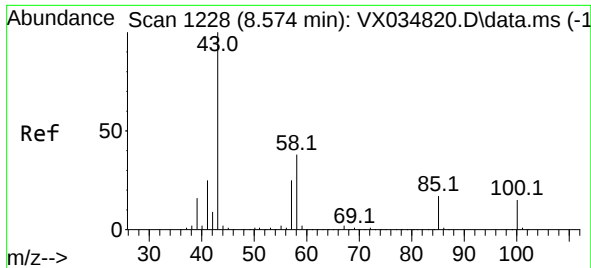
Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

Tgt Ion: 98 Resp: 599192

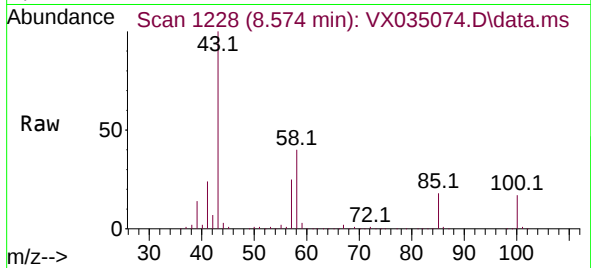
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 106.049 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

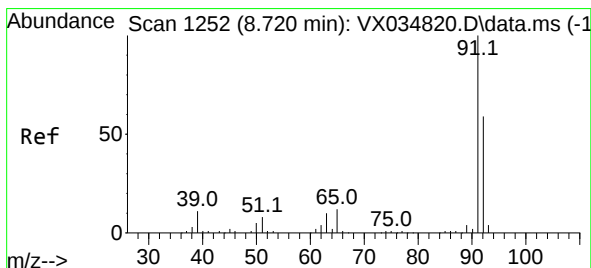
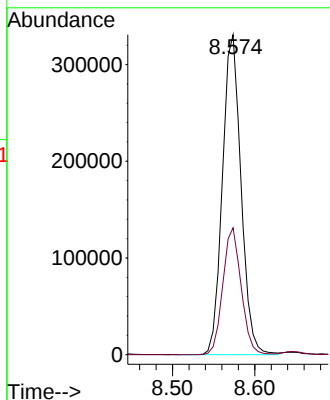
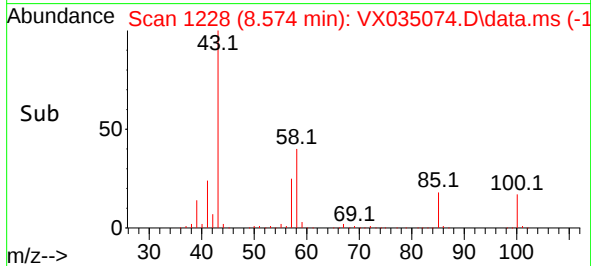
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01



Tgt Ion: 43 Resp: 519160
Ion Ratio Lower Upper
43 100
58 39.1 30.6 46.0

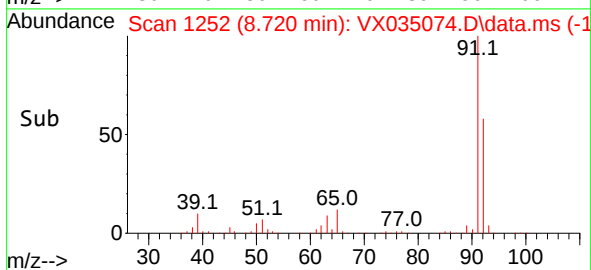
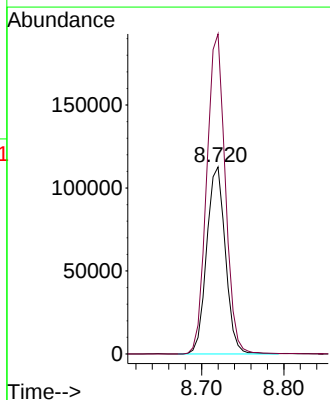
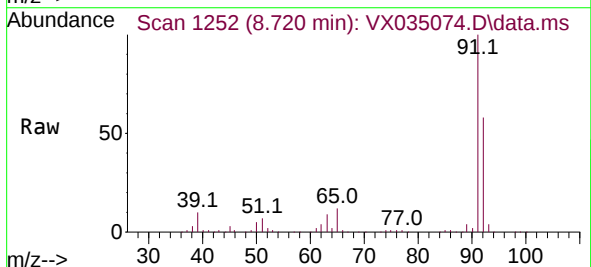
Manual Integrations
APPROVED

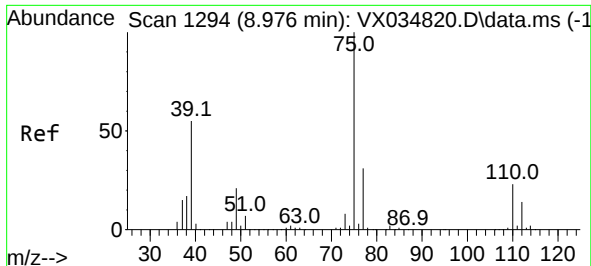
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#52
Toluene
Concen: 20.145 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

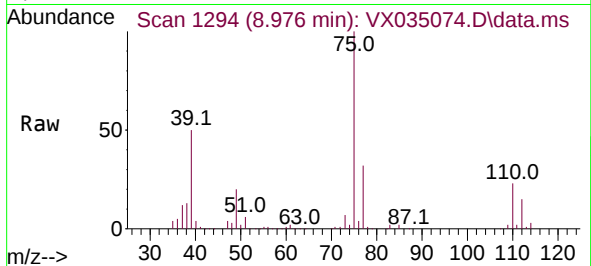
Tgt Ion: 92 Resp: 178290
Ion Ratio Lower Upper
92 100
91 170.1 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 20.108 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

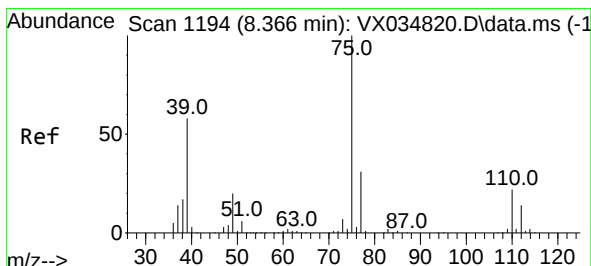
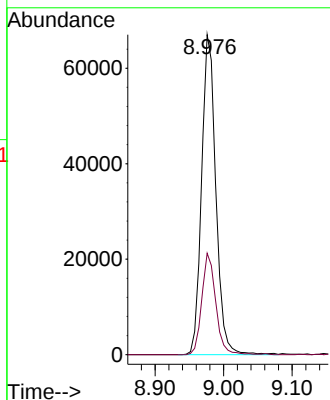
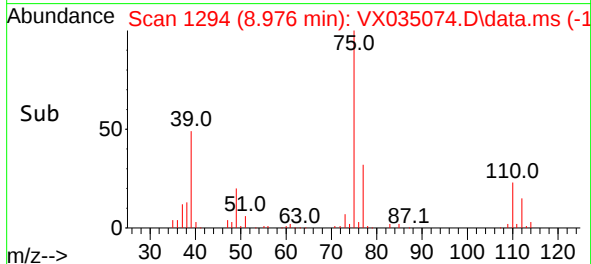
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01



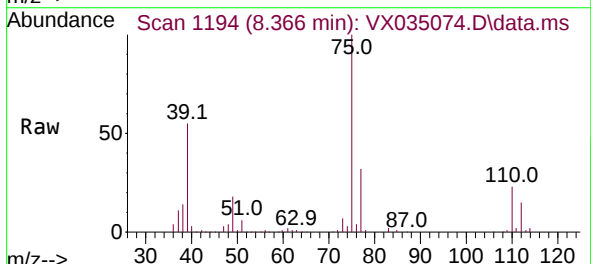
Tgt Ion: 75 Resp: 9724
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2

Manual Integrations
APPROVED

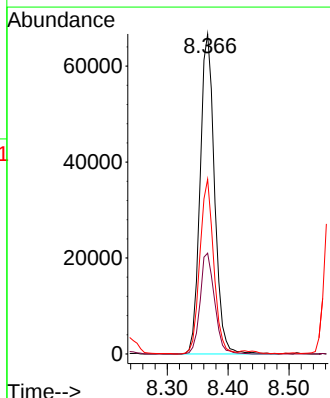
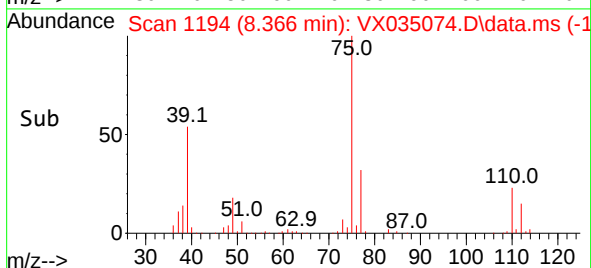
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

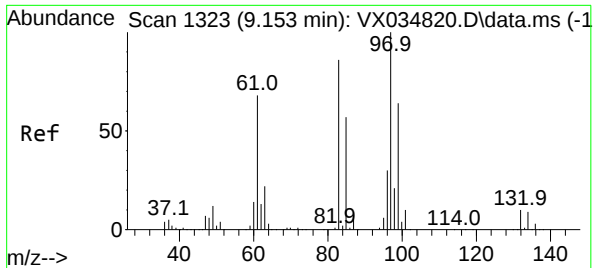


#54
cis-1,3-Dichloropropene
Concen: 20.782 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34



Tgt Ion: 75 Resp: 109982
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4
39 54.6 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 21.029 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

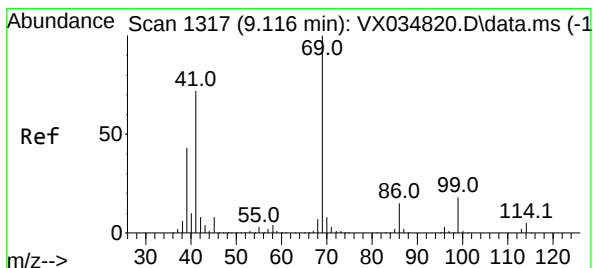
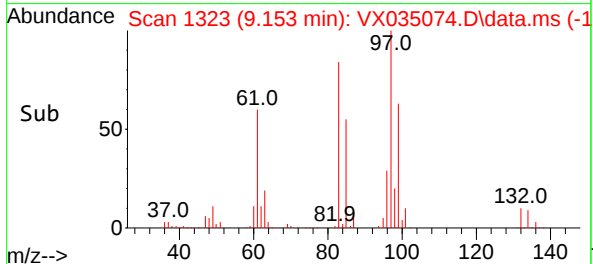
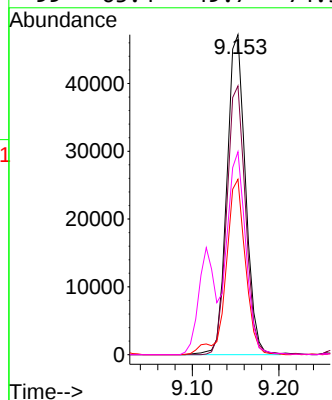
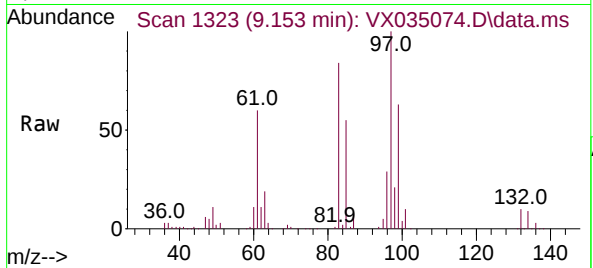
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01

Tgt Ion: 97 Resp: 70438

Ion	Ratio	Lower	Upper
97	100		
83	84.0	69.7	104.5
85	54.8	43.7	65.5
99	63.4	49.7	74.5

Manual Integrations
APPROVED

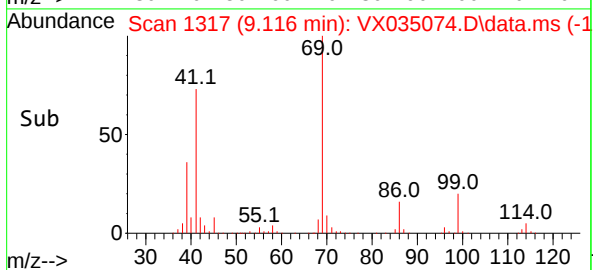
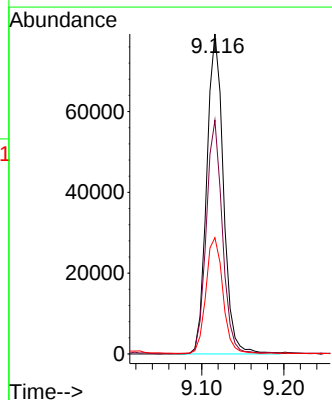
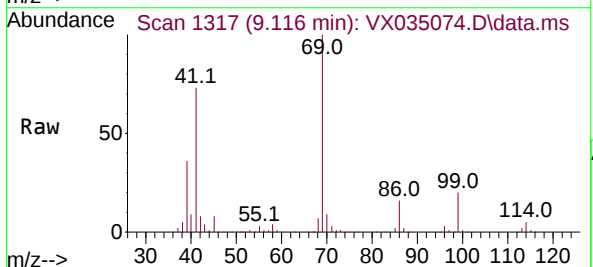
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

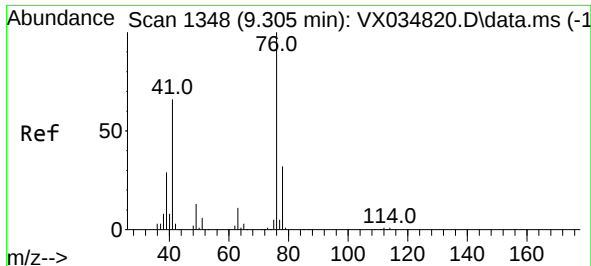


#56
Ethyl methacrylate
Concen: 21.282 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

Tgt Ion: 69 Resp: 111691

Ion	Ratio	Lower	Upper
69	100		
41	70.7	57.4	86.0
39	36.6	33.7	50.5





#57

1,3-Dichloropropane

Concen: 20.853 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBS01

Tgt Ion: 76 Resp: 123698

Ion Ratio Lower Upper

76 100

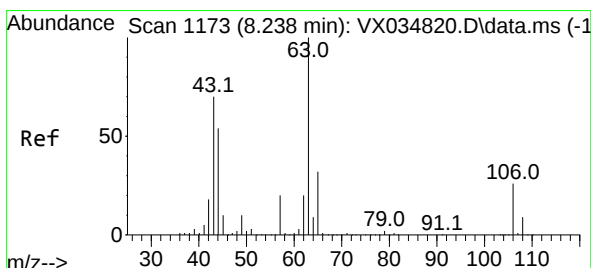
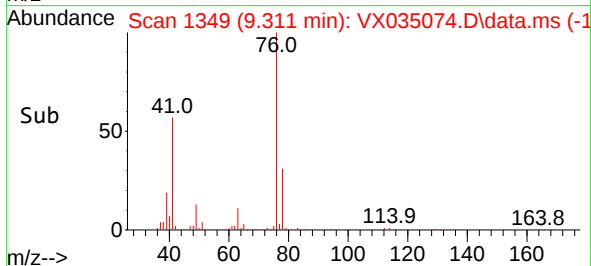
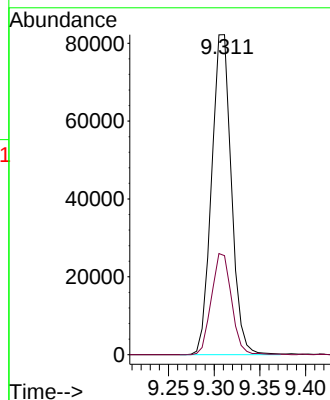
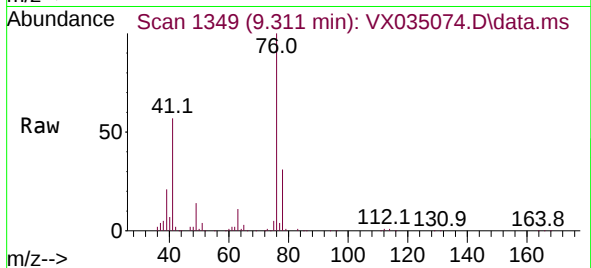
78 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 94.648 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX035074.D

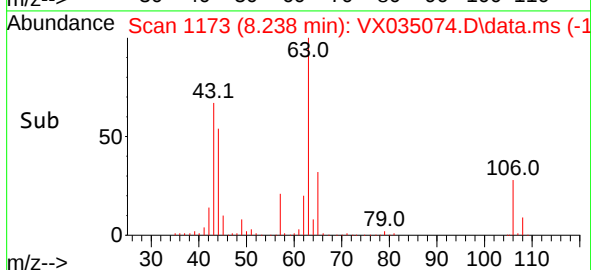
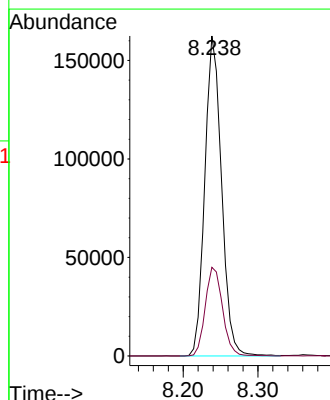
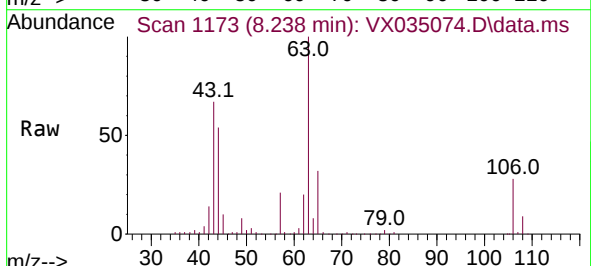
Acq: 14 Apr 2023 11:34

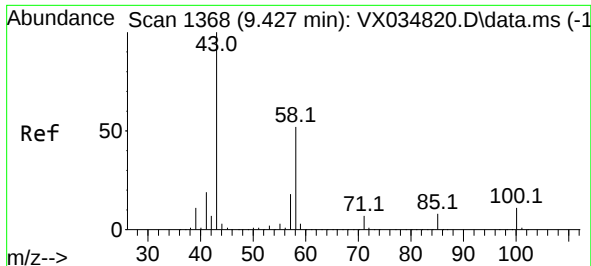
Tgt Ion: 63 Resp: 252916

Ion Ratio Lower Upper

63 100

106 28.5 22.2 33.2





#59

2-Hexanone

Concen: 106.565 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBS01

Tgt Ion: 43 Resp: 39458

Ion Ratio Lower Upper

43 100

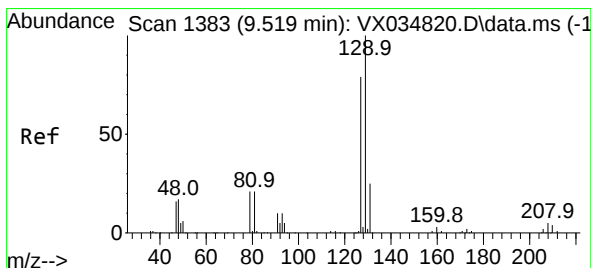
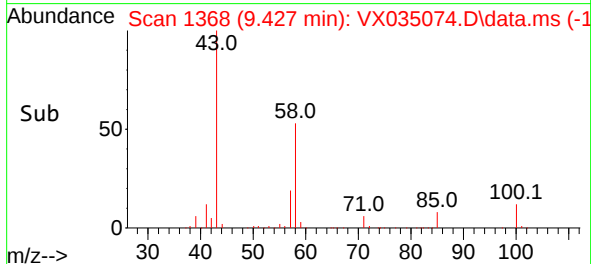
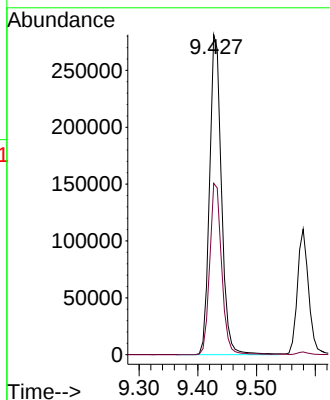
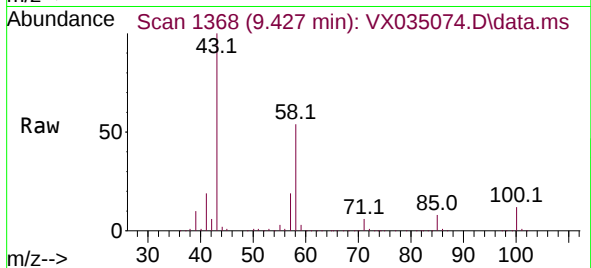
58 53.7 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#60

Dibromochloromethane

Concen: 21.139 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX035074.D

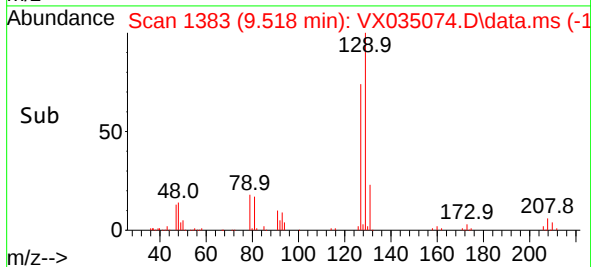
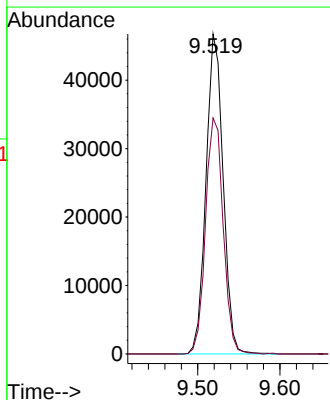
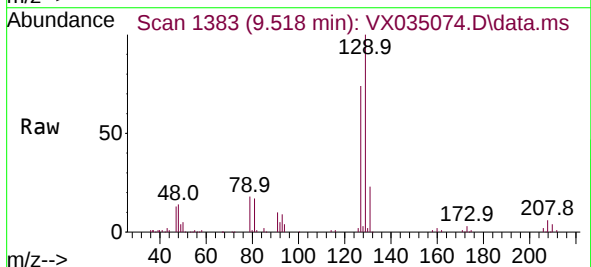
Acq: 14 Apr 2023 11:34

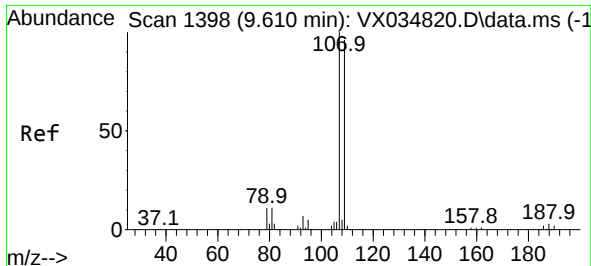
Tgt Ion:129 Resp: 67451

Ion Ratio Lower Upper

129 100

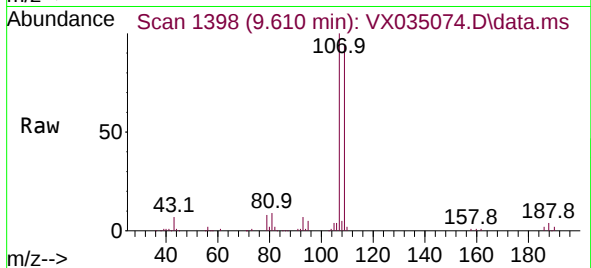
127 76.2 39.0 117.0





#61
1,2-Dibromoethane
Concen: 20.899 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

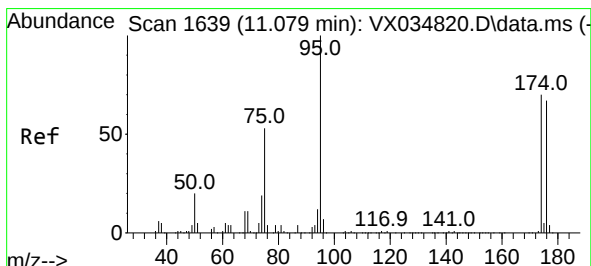
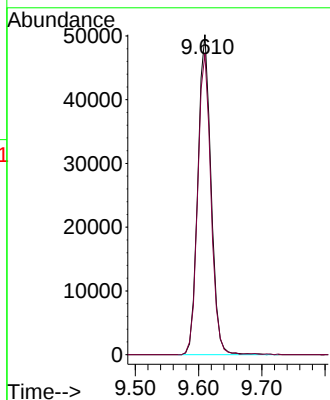
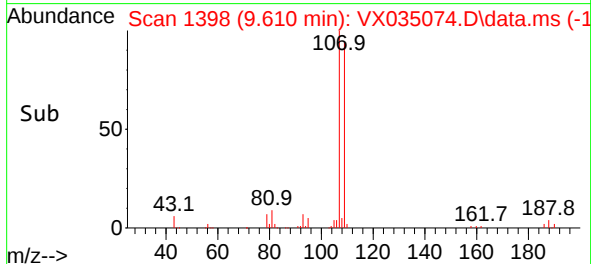
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01



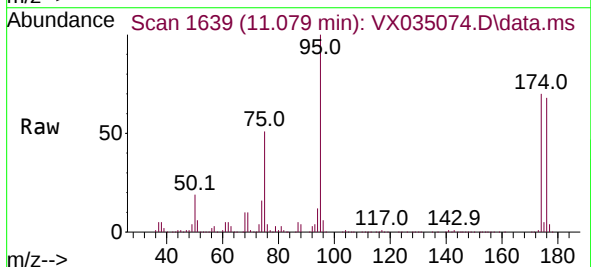
Tgt Ion:107 Resp: 72794
Ion Ratio Lower Upper
107 100
109 94.5 75.3 112.9

Manual Integrations
APPROVED

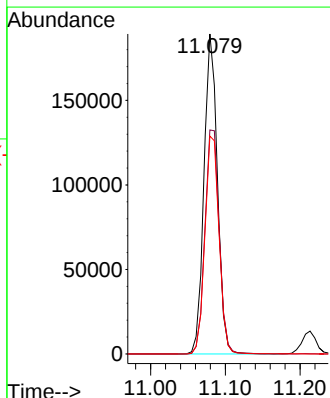
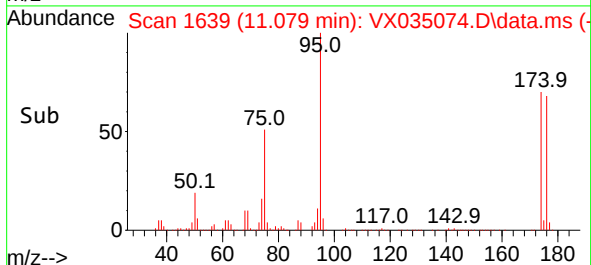
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

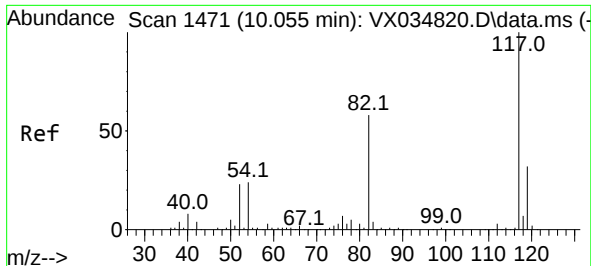


#62
4-Bromofluorobenzene
Concen: 51.840 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34



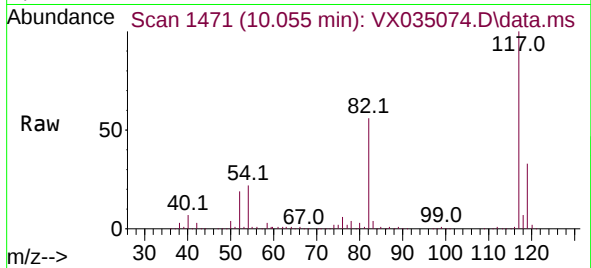
Tgt Ion: 95 Resp: 236324
Ion Ratio Lower Upper
95 100
174 74.5 0.0 147.4
176 71.6 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

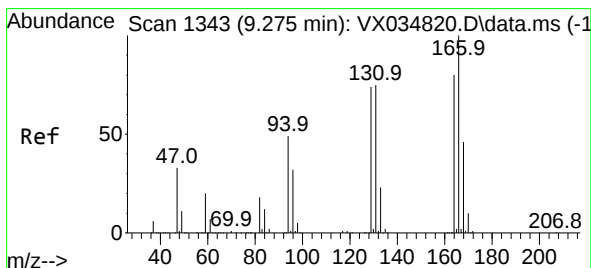
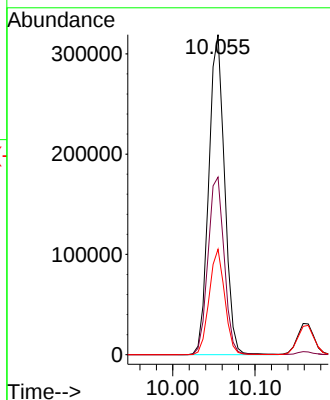
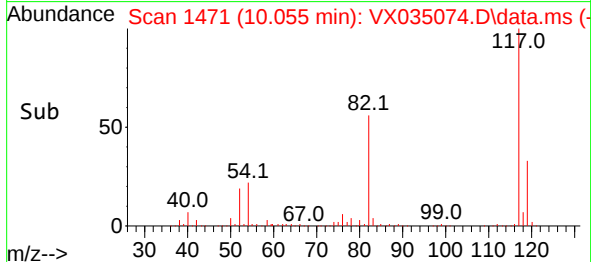
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01



Tgt Ion:117 Resp: 42716
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 33.0 26.0 39.0

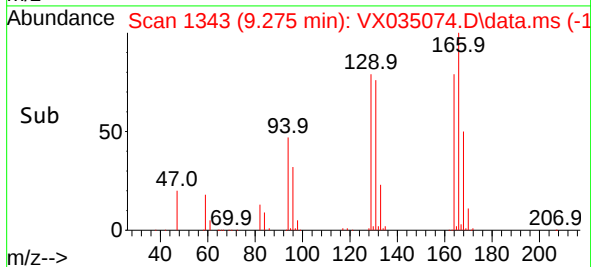
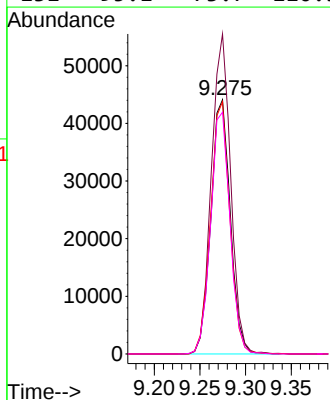
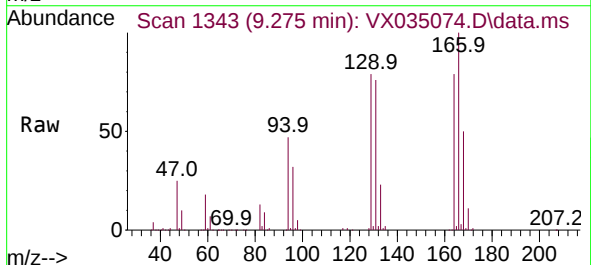
Manual Integrations
APPROVED

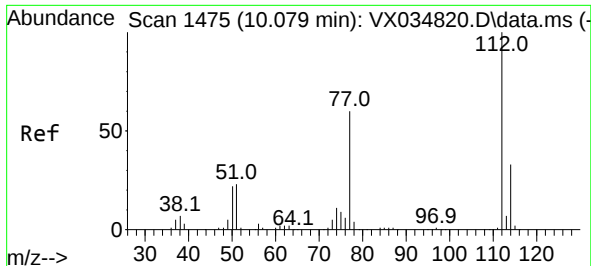
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#64
Tetrachloroethene
Concen: 21.309 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

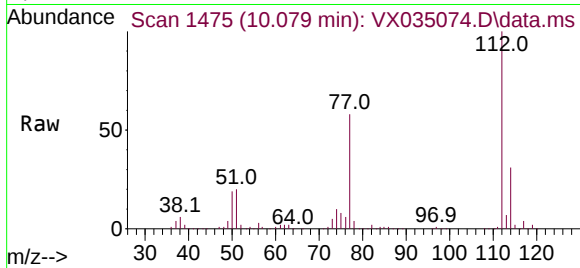
Tgt Ion:164 Resp: 65140
Ion Ratio Lower Upper
164 100
166 125.8 102.7 154.1
129 99.2 75.6 113.4
131 95.1 73.7 110.5





#65
Chlorobenzene
Concen: 21.459 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

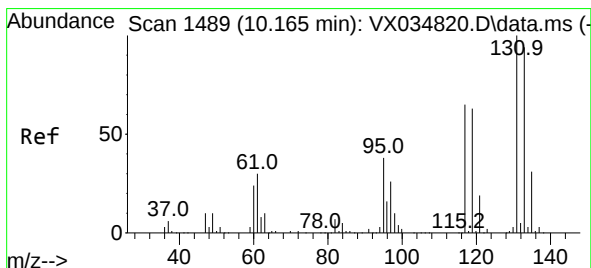
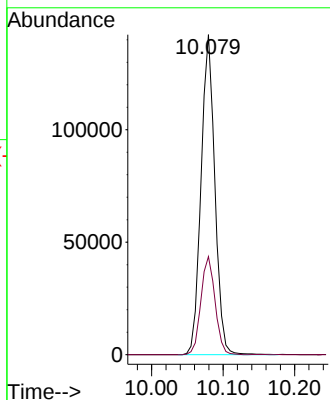
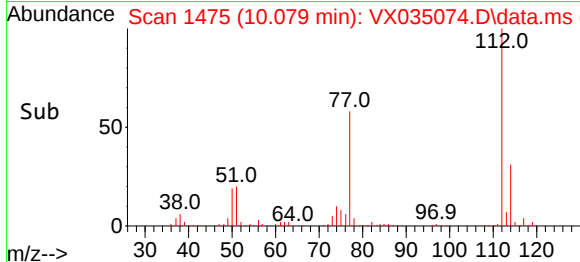
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01



Tgt Ion:112 Resp: 190719
Ion Ratio Lower Upper
112 100
114 30.6 26.2 39.2

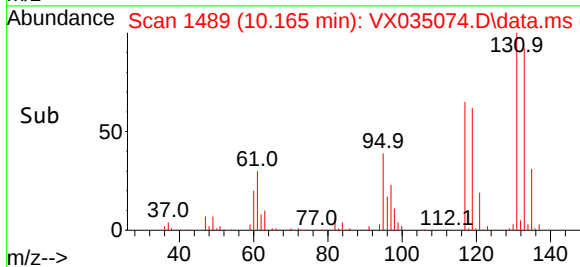
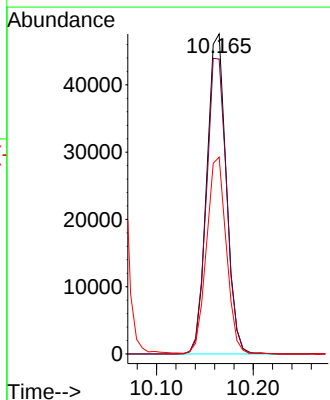
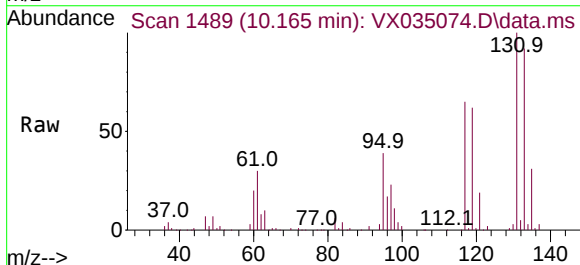
Manual Integrations
APPROVED

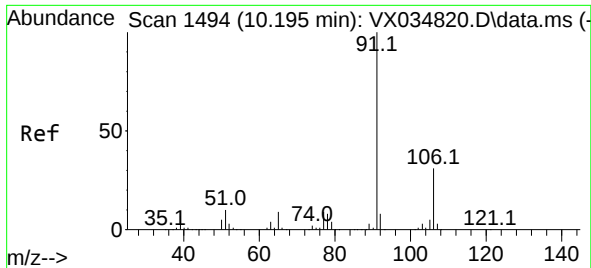
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.745 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

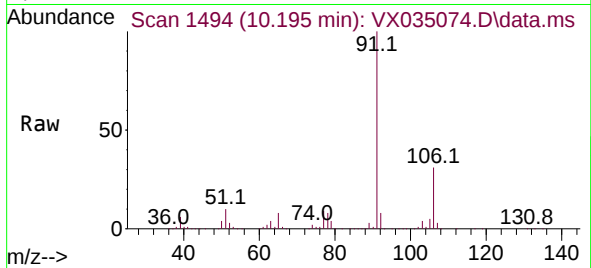
Tgt Ion:131 Resp: 66455
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.4
119 62.9 32.6 98.0





#67
Ethyl Benzene
Concen: 21.041 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

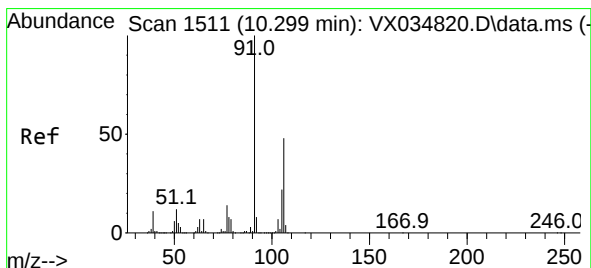
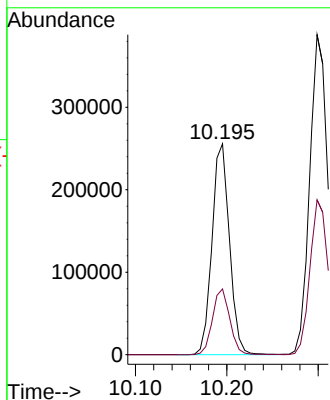
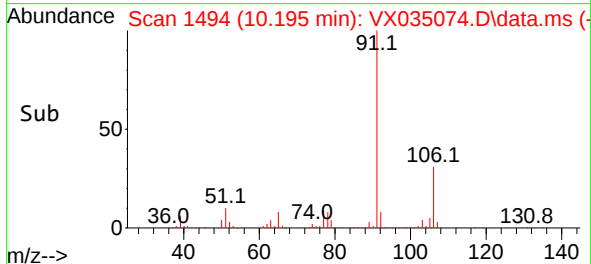
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01



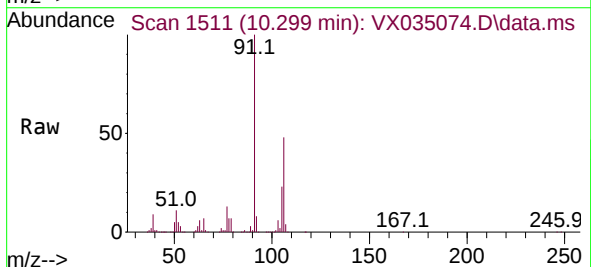
Tgt Ion: 91 Resp: 338774
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

Manual Integrations
APPROVED

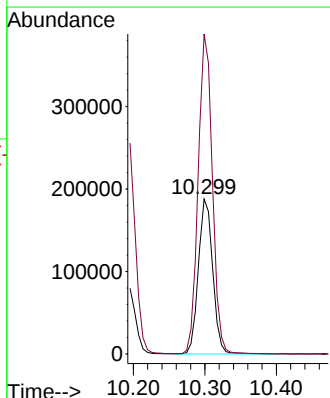
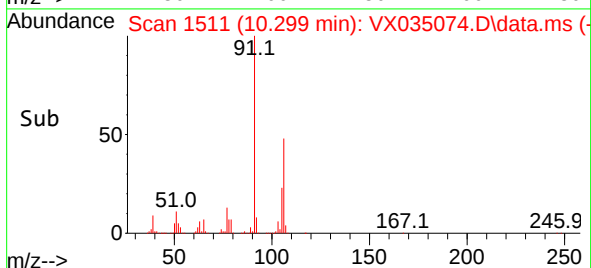
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

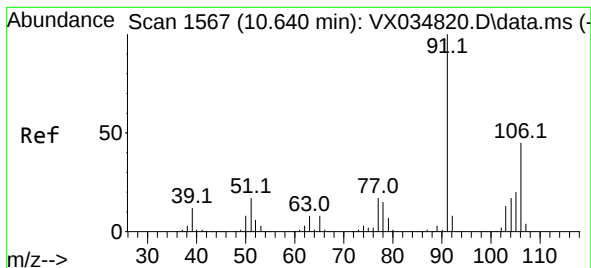


#68
m/p-Xylenes
Concen: 42.490 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34



Tgt Ion:106 Resp: 261321
Ion Ratio Lower Upper
106 100
91 205.4 164.0 246.0





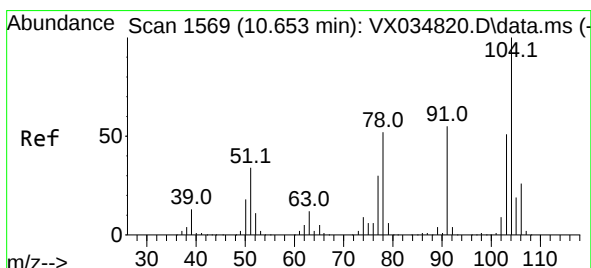
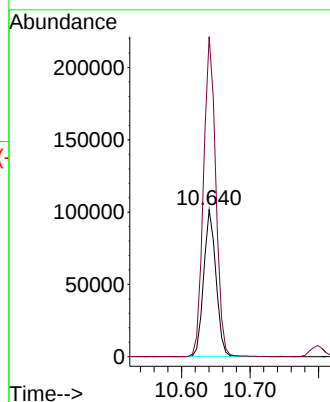
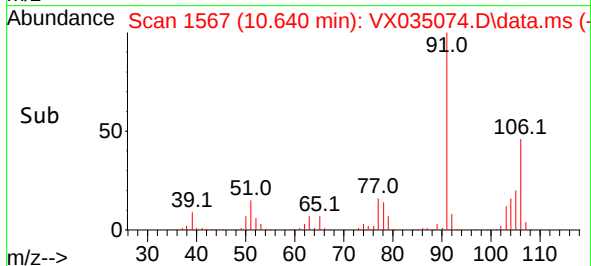
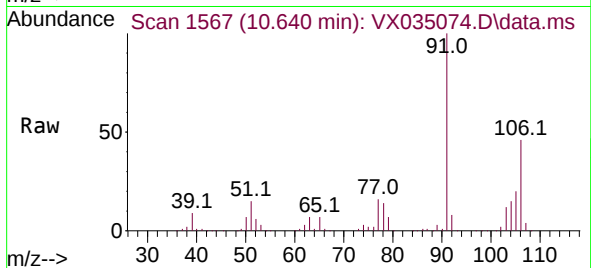
#69
o-Xylene
Concen: 21.085 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01

Tgt Ion:106 Resp: 127034
Ion Ratio Lower Upper
106 100
91 218.7 108.5 325.3

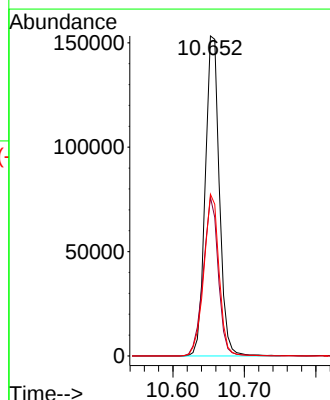
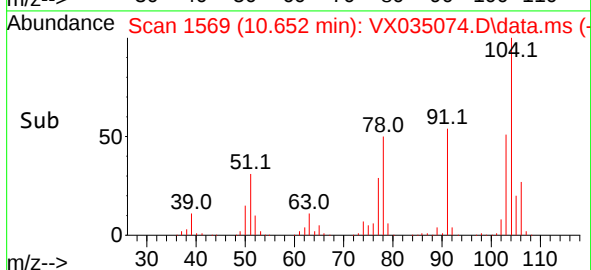
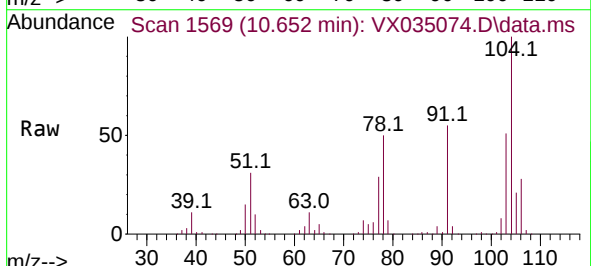
Manual Integrations
APPROVED

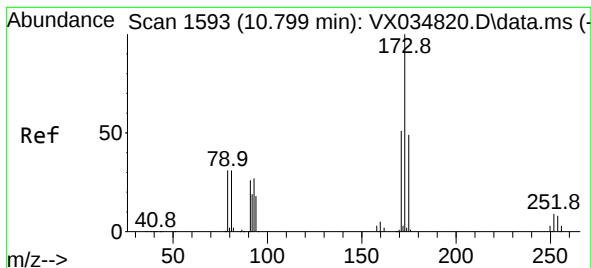
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#70
Styrene
Concen: 21.925 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

Tgt Ion:104 Resp: 210874
Ion Ratio Lower Upper
104 100
78 52.6 43.4 65.2
103 54.3 44.2 66.2





#71

Bromoform

Concen: 21.330 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBS01

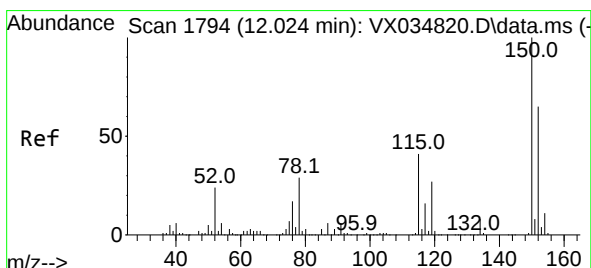
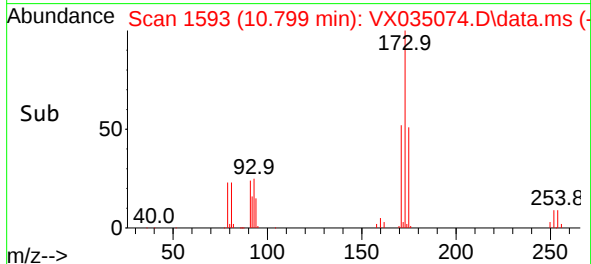
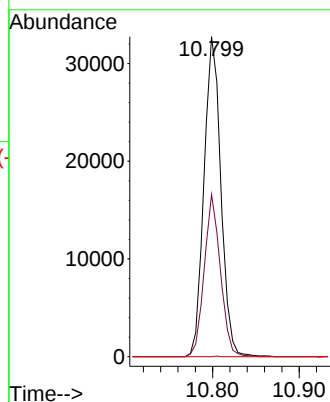
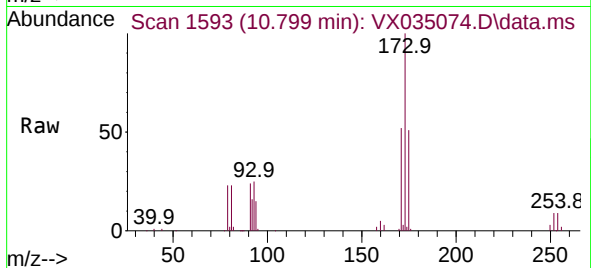
Tgt Ion:173 Resp: 44330
 Ion Ratio Lower Upper
 173 100
 175 48.4 24.1 72.4
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

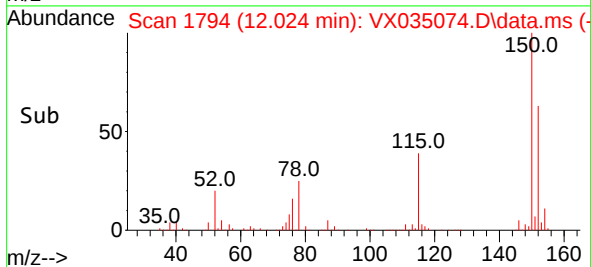
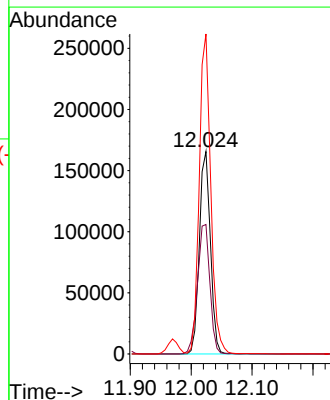
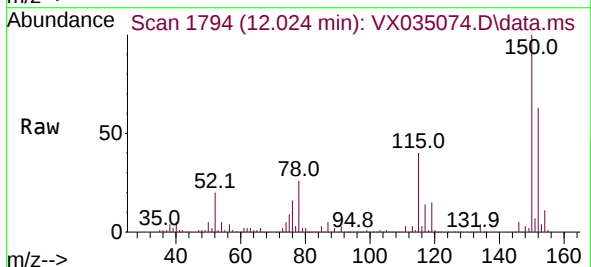
RT: 12.024 min Scan# 1794

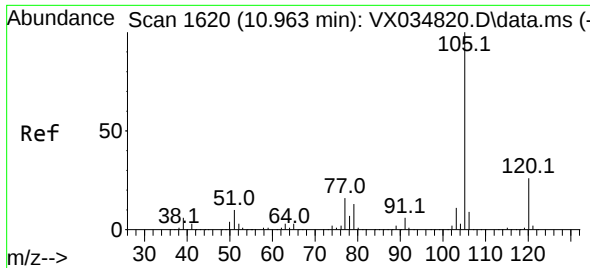
Delta R.T. 0.000 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

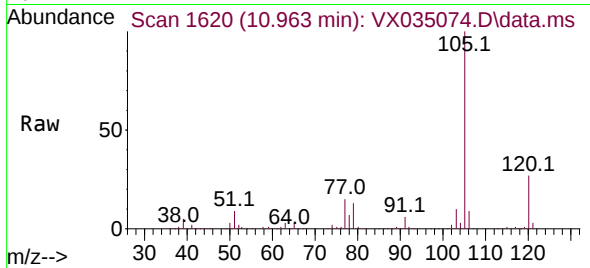
Tgt Ion:152 Resp: 208251
 Ion Ratio Lower Upper
 152 100
 115 71.8 45.0 135.0
 150 164.1 0.0 352.4





#73
Isopropylbenzene
Concen: 21.258 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

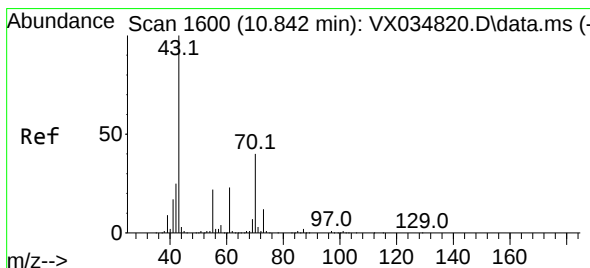
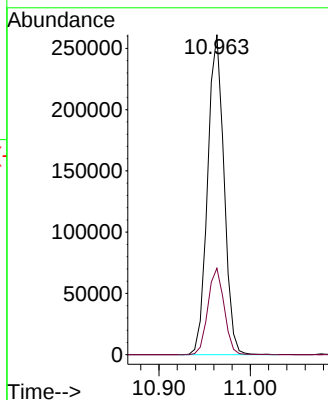
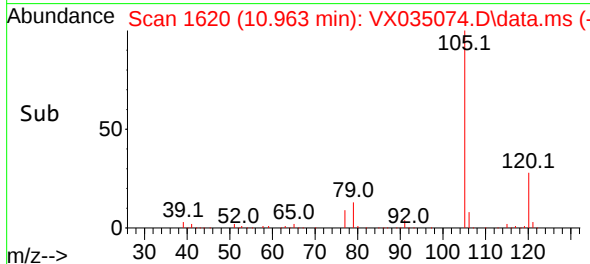
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01



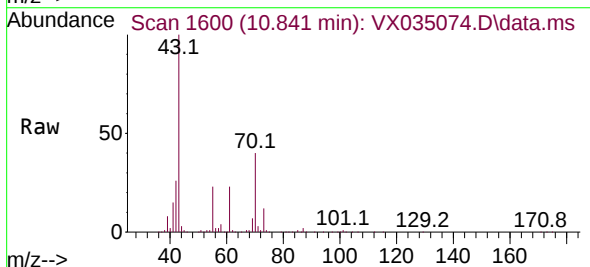
Tgt Ion: 105 Resp: 32427
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9

Manual Integrations
APPROVED

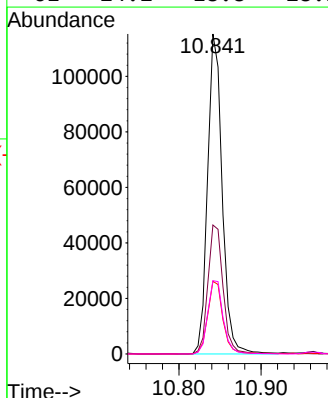
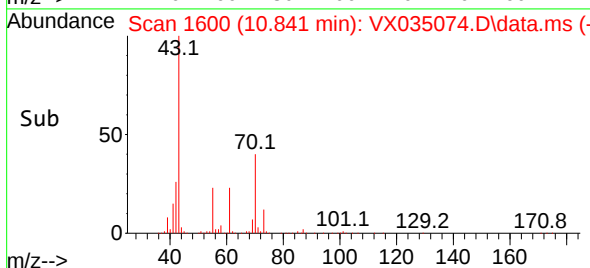
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

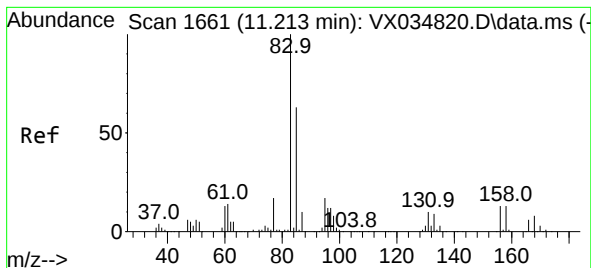


#74
N-ethyl acetate
Concen: 20.748 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34



Tgt Ion: 43 Resp: 142305
Ion Ratio Lower Upper
43 100
70 41.8 32.1 48.1
55 23.7 18.3 27.5
61 24.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.989 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBS01

Tgt Ion: 83 Resp: 10493

Ion Ratio Lower Upper

83 100

131 10.1 4.8 14.3

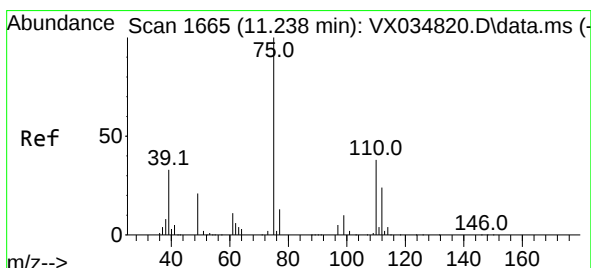
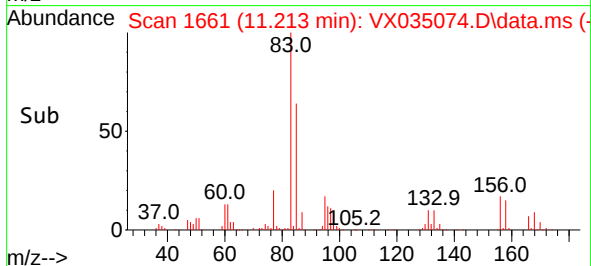
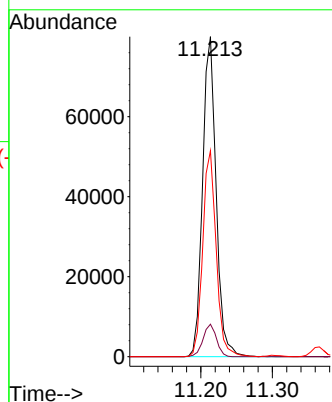
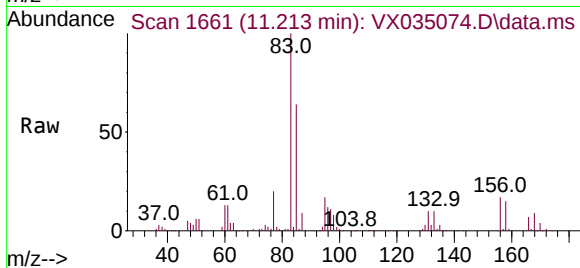
85 64.0 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#76

1,2,3-Trichloropropane

Concen: 20.907 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX035074.D

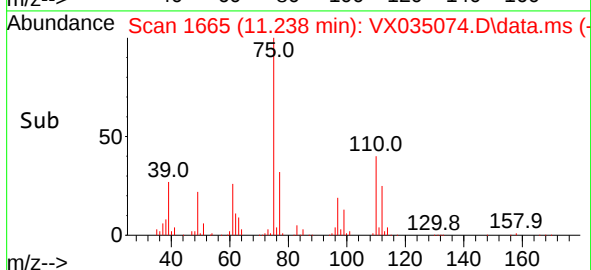
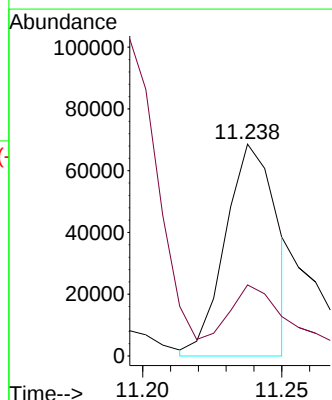
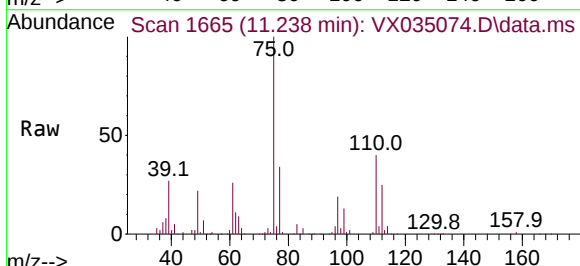
Acq: 14 Apr 2023 11:34

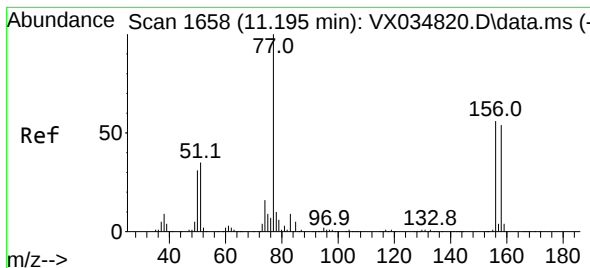
Tgt Ion: 75 Resp: 87728

Ion Ratio Lower Upper

75 100

77 42.1 21.6 64.8





#77

Bromobenzene

Concen: 20.868 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBS01

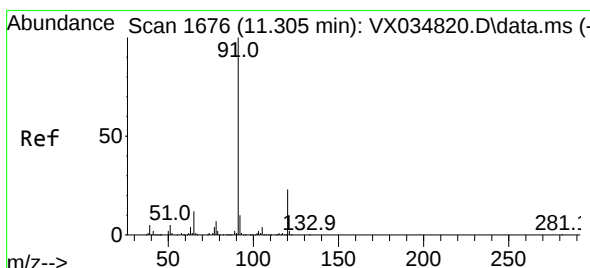
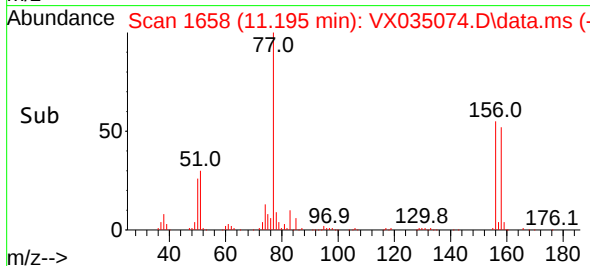
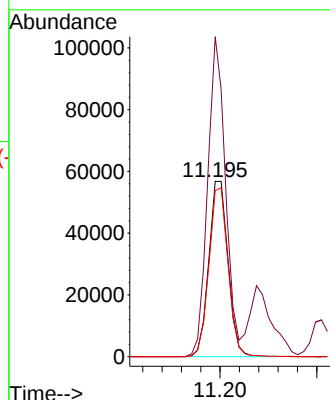
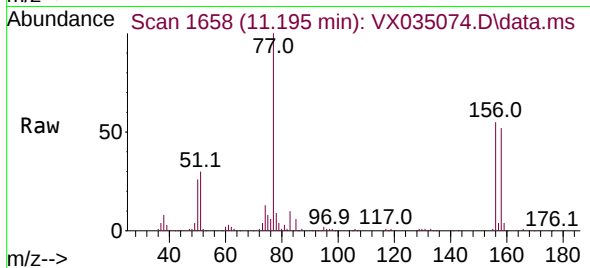
Tgt Ion:156 Resp: 78878
 Ion Ratio Lower Upper
 156 100
 77 168.0 86.7 259.9
 158 95.2 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#78

n-propylbenzene

Concen: 21.067 ug/l

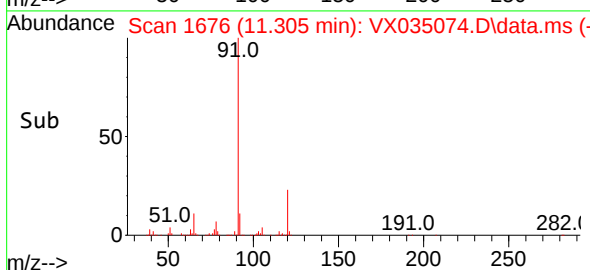
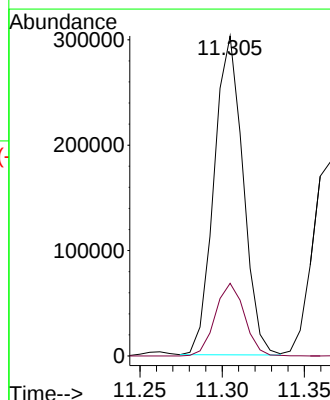
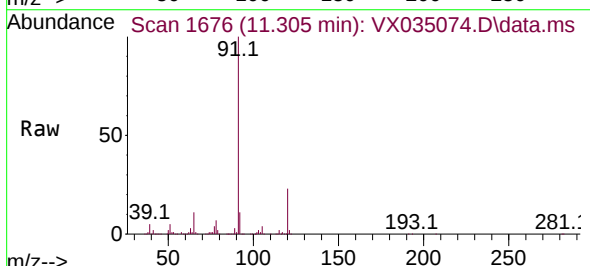
RT: 11.305 min Scan# 1676

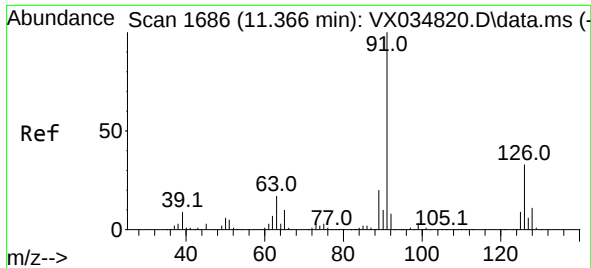
Delta R.T. -0.000 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

Tgt Ion: 91 Resp: 371238
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.5 34.5





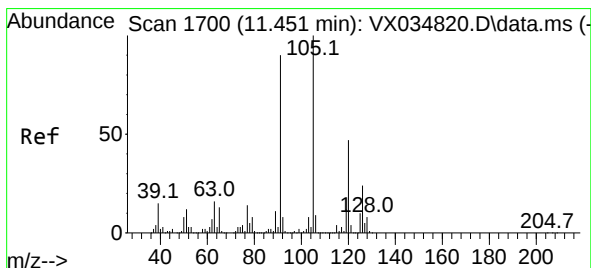
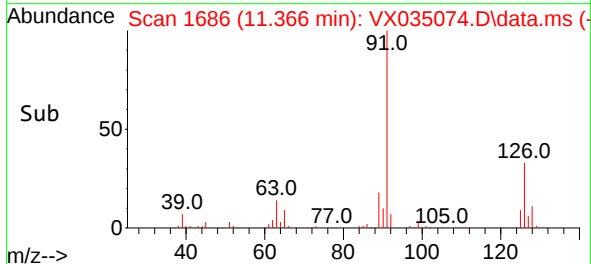
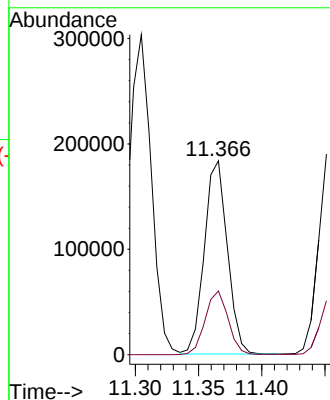
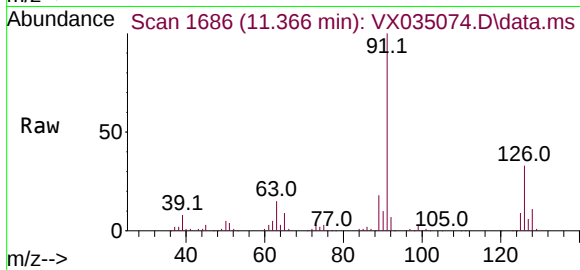
#79
2-Chlorotoluene
Concen: 20.846 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01

Tgt Ion: 91 Resp: 231930
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.9

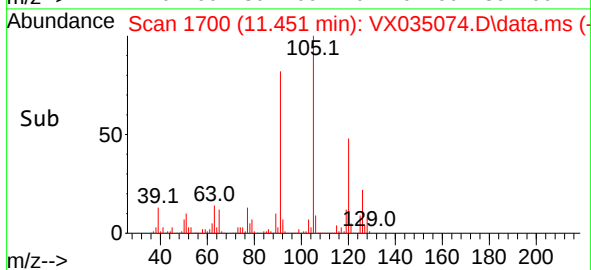
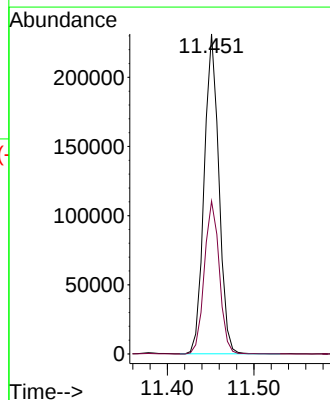
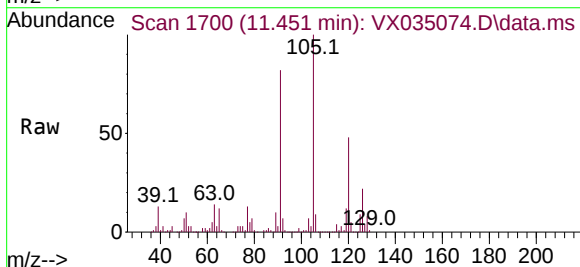
Manual Integrations
APPROVED

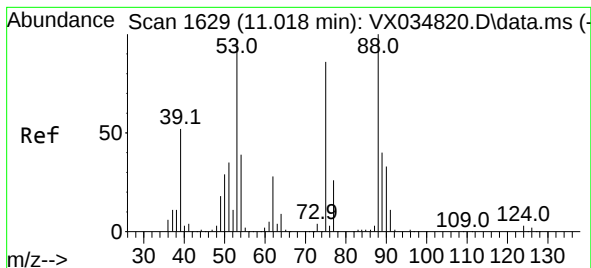
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.313 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

Tgt Ion:105 Resp: 271835
Ion Ratio Lower Upper
105 100
120 48.7 23.7 71.1





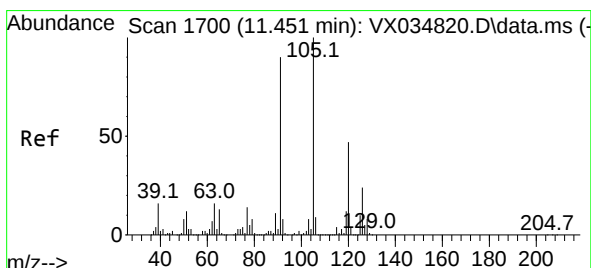
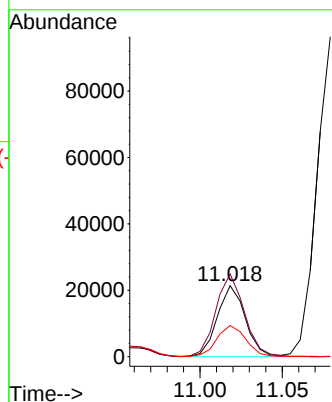
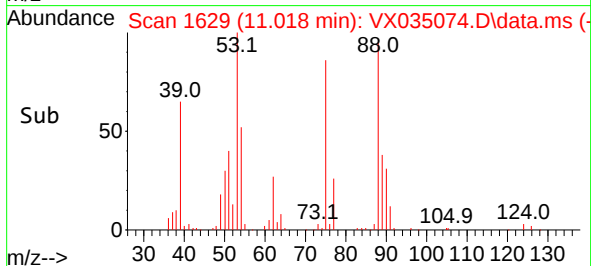
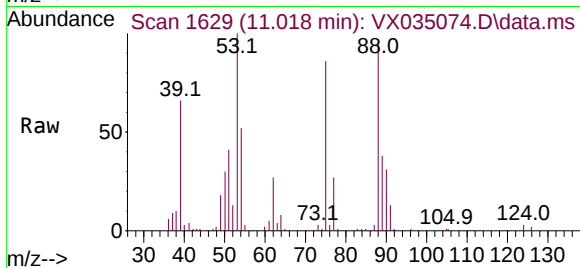
#81
trans-1,4-Dichloro-2-butene
Concen: 18.089 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01

Tgt Ion: 75 Resp: 2532
Ion Ratio Lower Upper
75 100
53 119.5 82.6 124.0
89 45.8 36.9 55.3

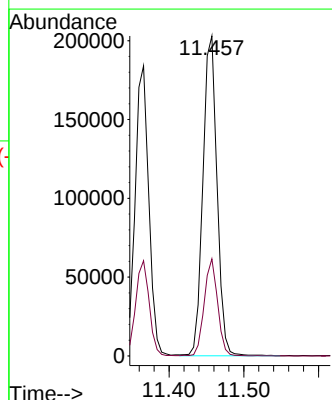
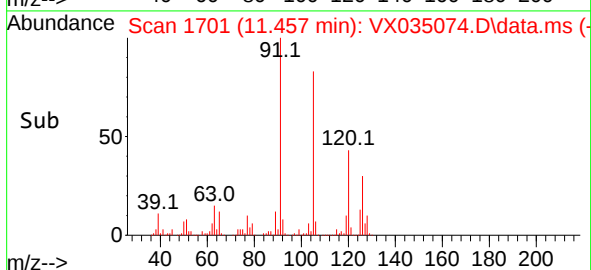
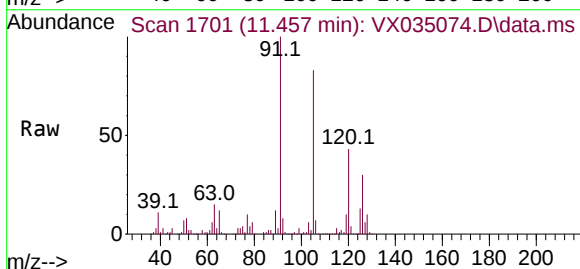
Manual Integrations
APPROVED

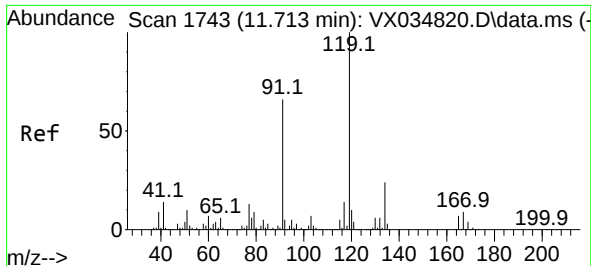
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#82
4-Chlorotoluene
Concen: 20.551 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

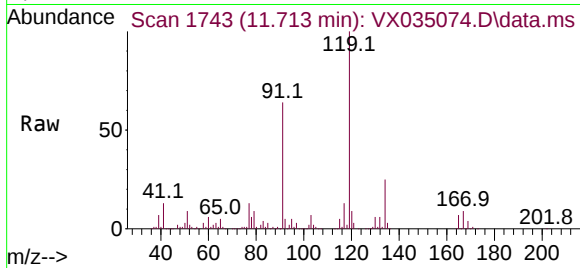
Tgt Ion: 91 Resp: 265521
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 21.241 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

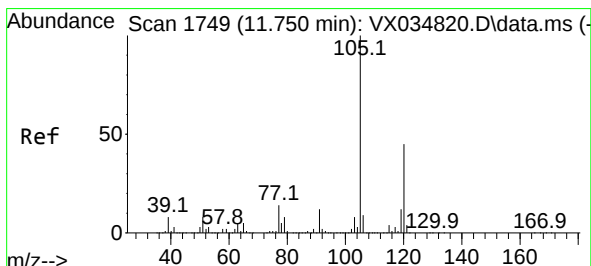
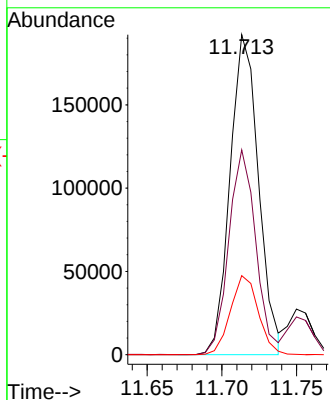
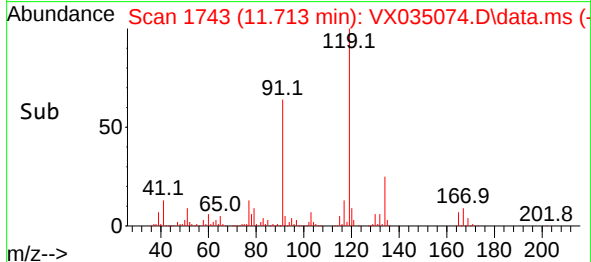
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01



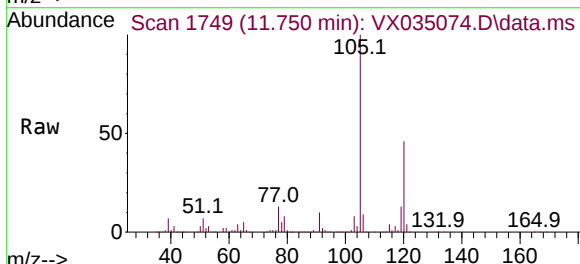
Tgt Ion:119 Resp: 254398
Ion Ratio Lower Upper
119 100
91 60.8 30.6 92.0
134 24.2 11.8 35.4

Manual Integrations
APPROVED

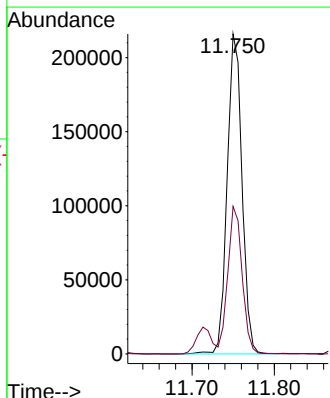
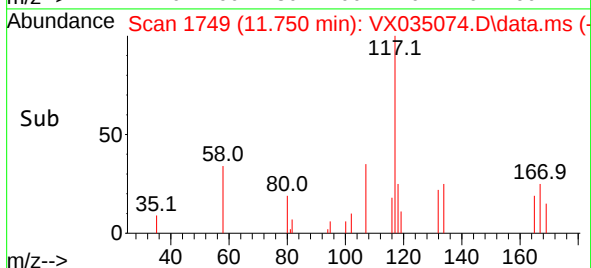
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

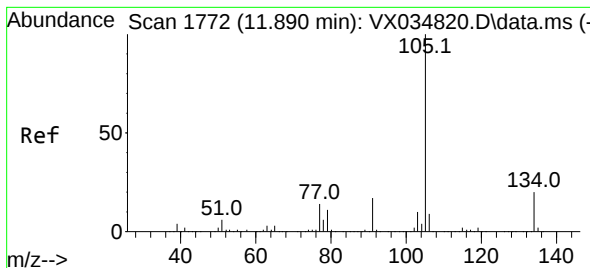


#84
1,2,4-Trimethylbenzene
Concen: 20.900 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34



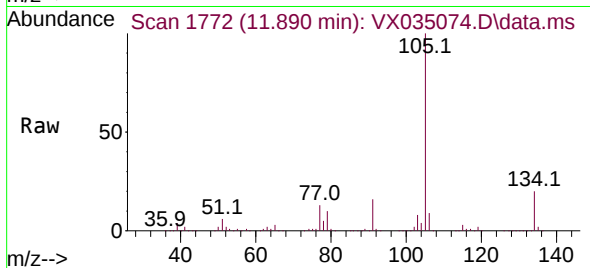
Tgt Ion:105 Resp: 271088
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 21.256 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035074.D
 Acq: 14 Apr 2023 11:34

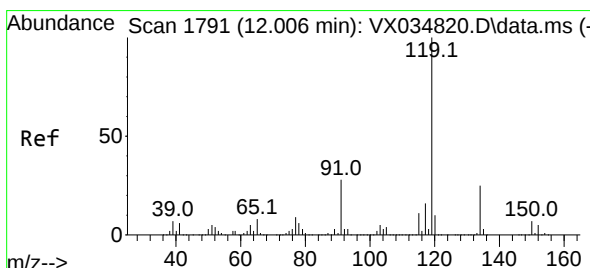
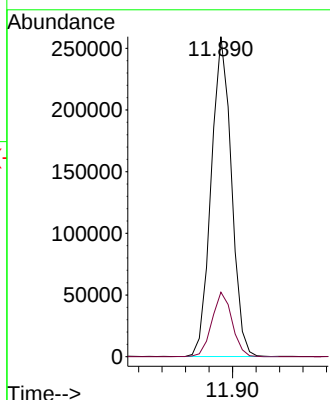
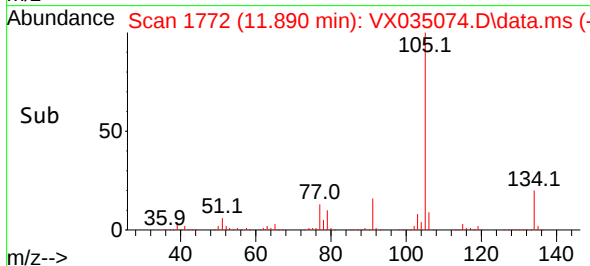
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415MBS01



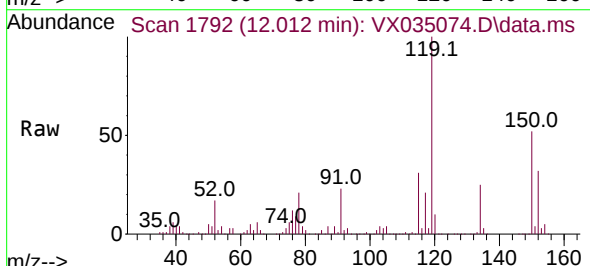
Tgt Ion:105 Resp: 309710
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

Manual Integrations
 APPROVED

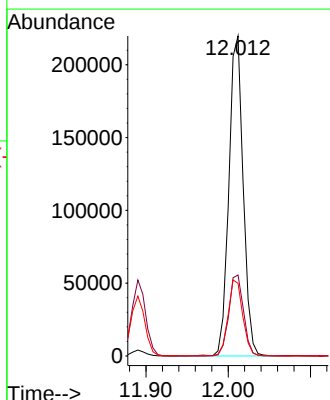
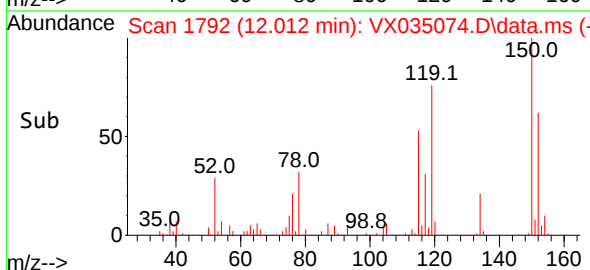
Reviewed By :John Carlone 04/17/2023
 Supervised By :Mahesh Dadoda 04/17/2023

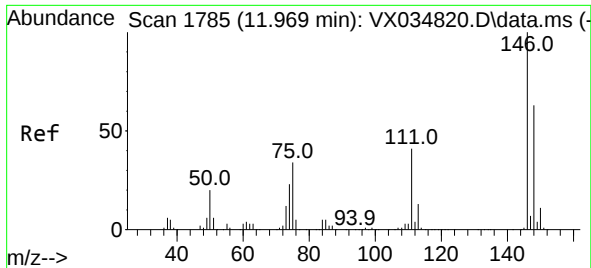


#86
 p-Isopropyltoluene
 Concen: 21.950 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035074.D
 Acq: 14 Apr 2023 11:34



Tgt Ion:119 Resp: 266687
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 24.4 12.9 38.7





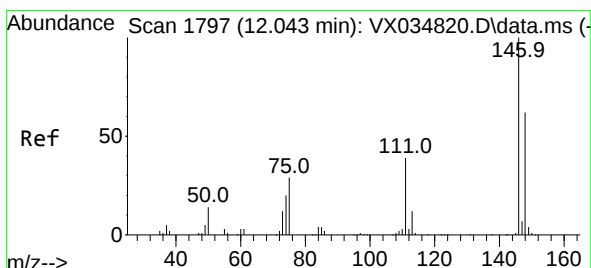
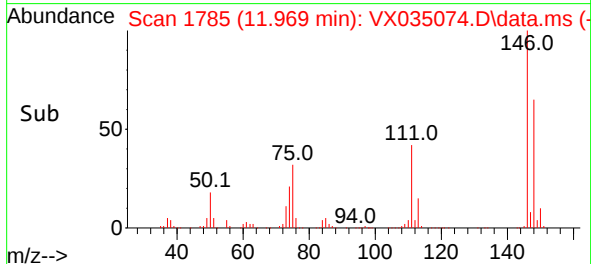
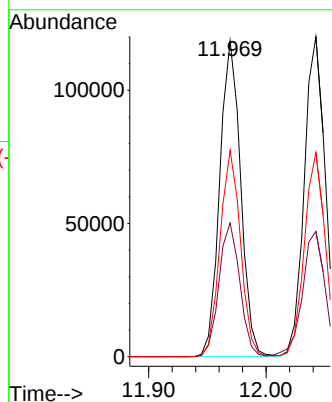
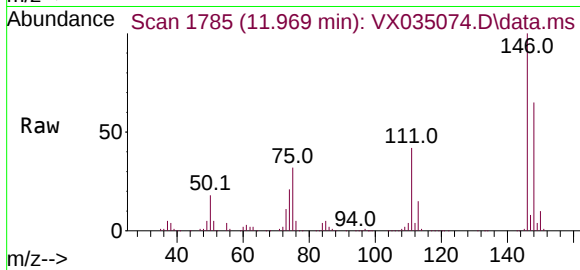
#87
1,3-Dichlorobenzene
Concen: 21.349 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01

Tgt Ion:146 Resp: 146959
Ion Ratio Lower Upper
146 100
111 42.2 20.9 62.8
148 64.0 31.6 95.0

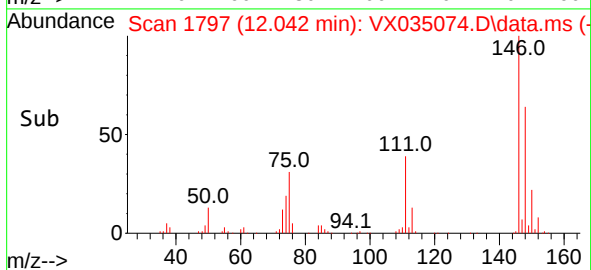
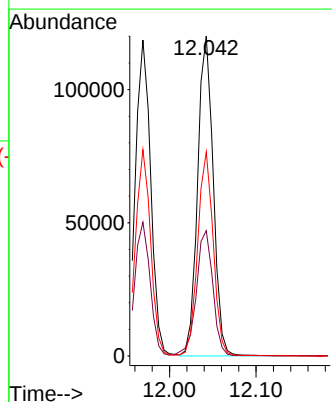
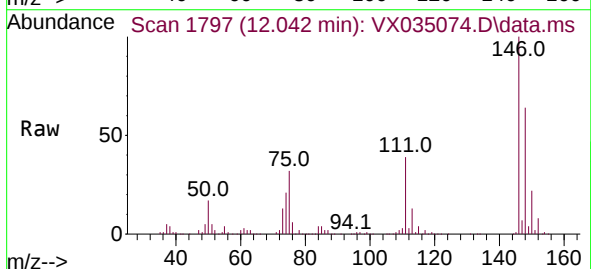
Manual Integrations
APPROVED

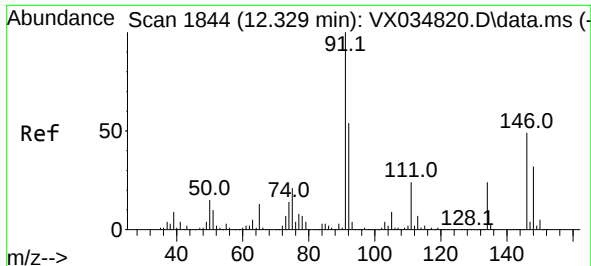
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#88
1,4-Dichlorobenzene
Concen: 20.857 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

Tgt Ion:146 Resp: 149953
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.9
148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 20.906 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBS01

Tgt Ion: 91 Resp: 221924

Ion Ratio Lower Upper

91 100

92 54.9 27.7 83.0

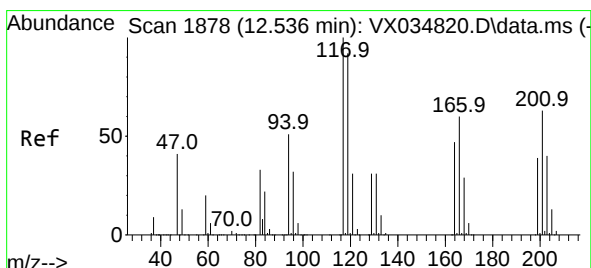
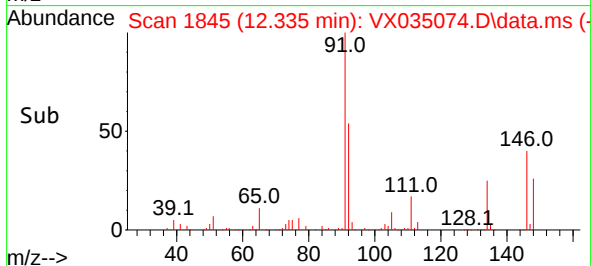
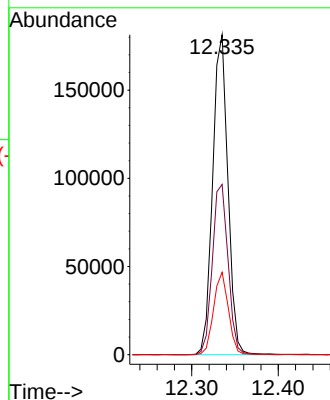
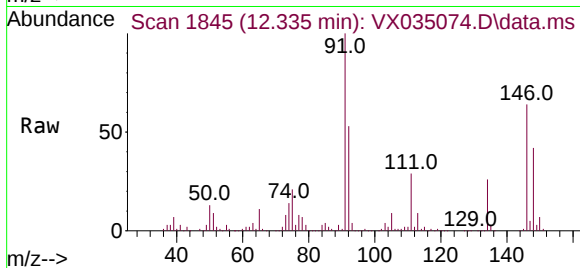
134 25.1 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#90

Hexachloroethane

Concen: 20.677 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VX035074.D

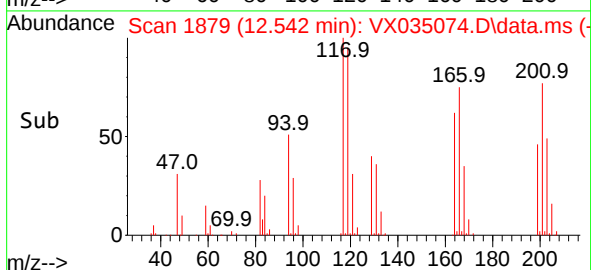
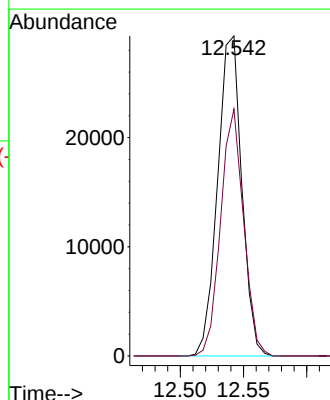
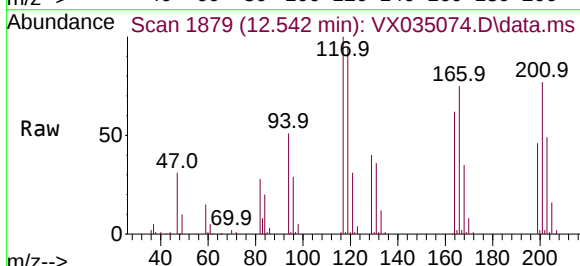
Acq: 14 Apr 2023 11:34

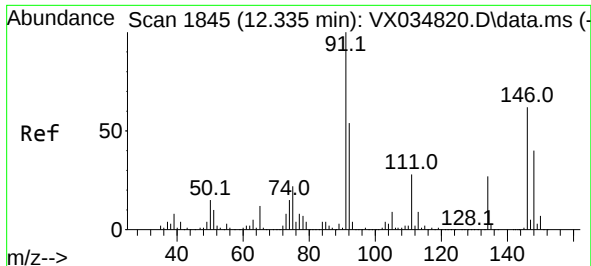
Tgt Ion:117 Resp: 38922

Ion Ratio Lower Upper

117 100

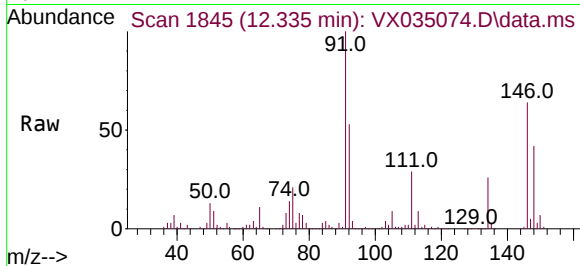
201 73.3 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 20.941 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

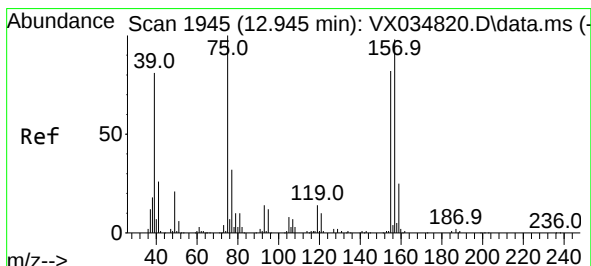
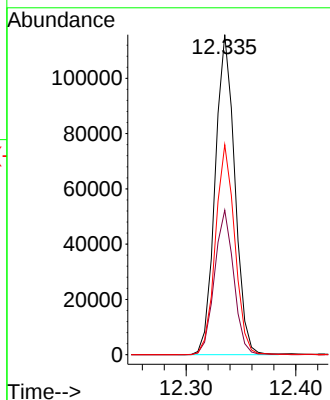
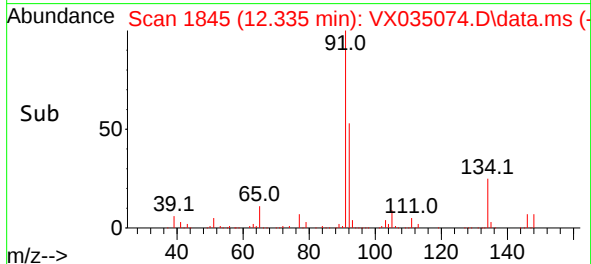
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01



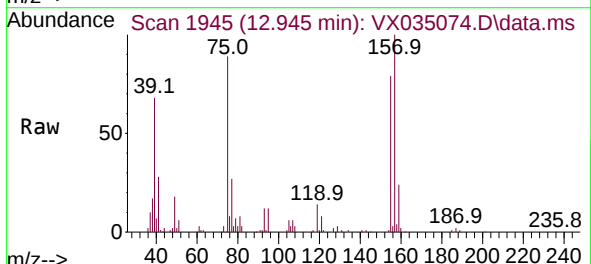
Tgt Ion:146 Resp: 14437
Ion Ratio Lower Upper
146 100
111 44.2 22.0 66.0
148 64.6 32.0 96.0

Manual Integrations
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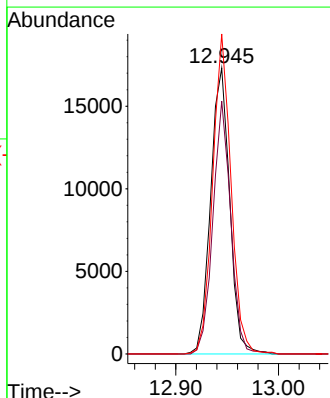
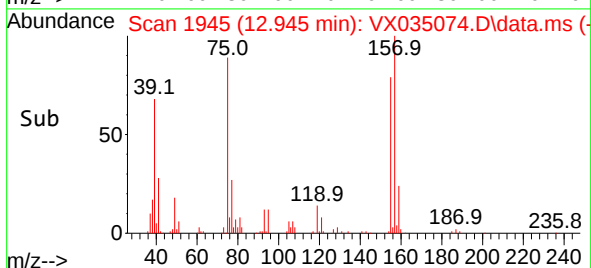
Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023

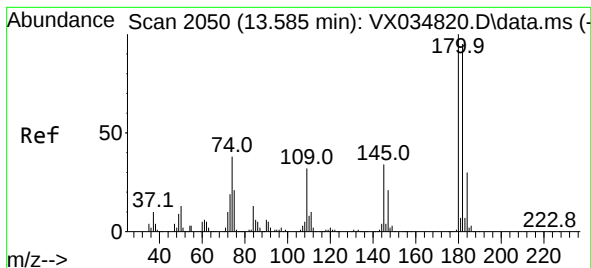


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.305 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34



Tgt Ion: 75 Resp: 22234
Ion Ratio Lower Upper
75 100
155 82.8 38.4 115.1
157 107.7 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 22.381 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBS01

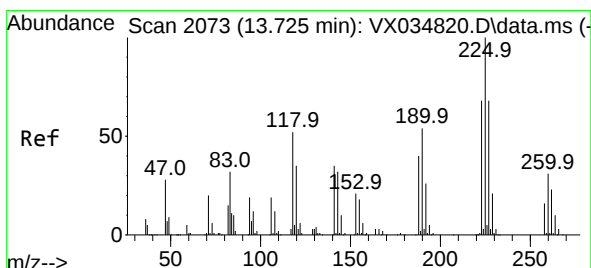
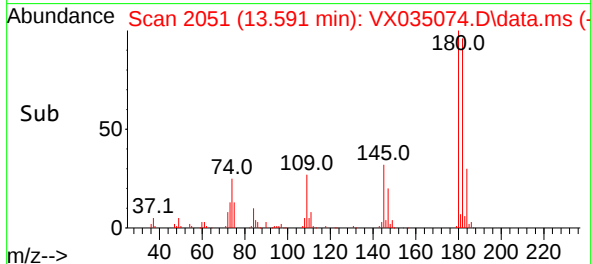
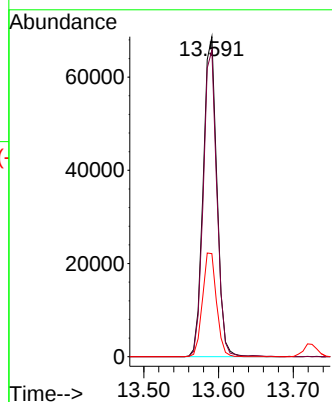
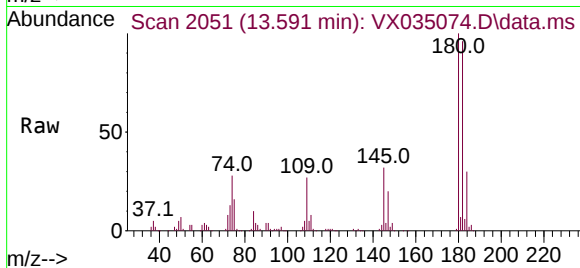
Tgt Ion:180	Resp:	87269
Ion Ratio	Lower	Upper
180	100	
182	94.9	47.0 141.0
145	33.1	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2023

Supervised By :Mahesh Dadoda 04/17/2023



#94

Hexachlorobutadiene

Concen: 22.072 ug/l

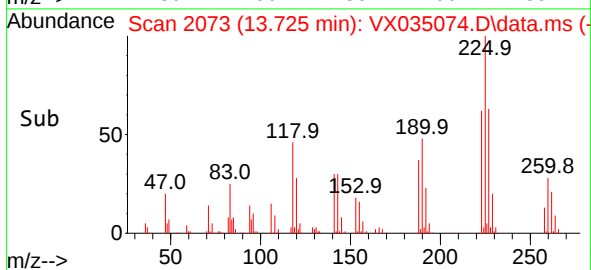
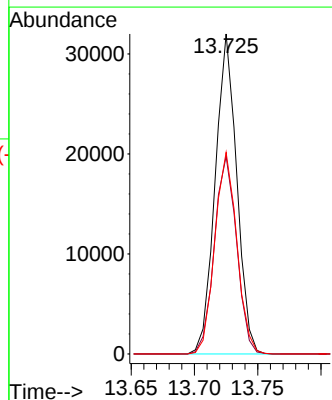
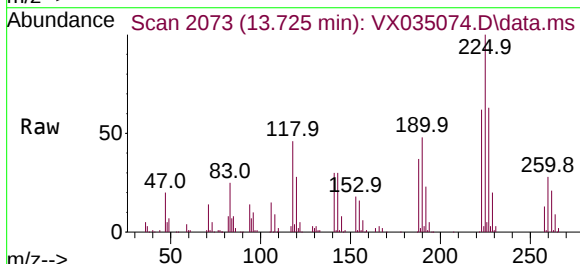
RT: 13.725 min Scan# 2073

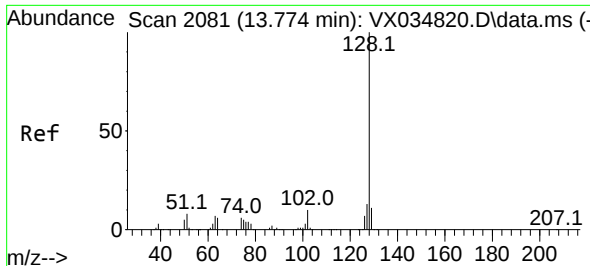
Delta R.T. 0.000 min

Lab File: VX035074.D

Acq: 14 Apr 2023 11:34

Tgt Ion:225	Resp:	37852
Ion Ratio	Lower	Upper
225	100	
223	63.7	32.1 96.5
227	64.5	31.8 95.4





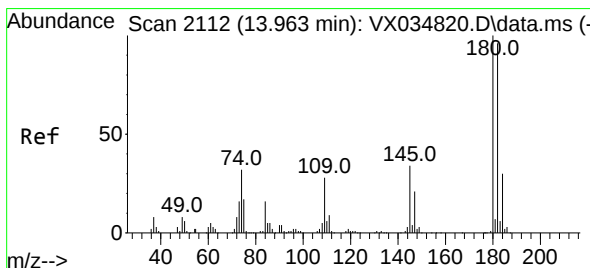
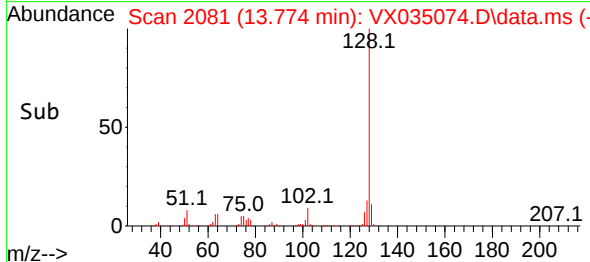
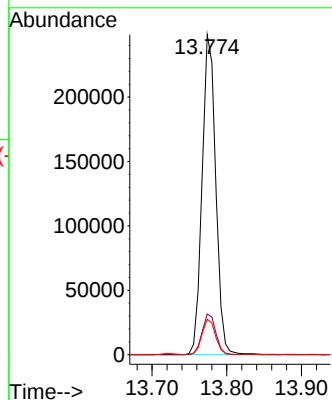
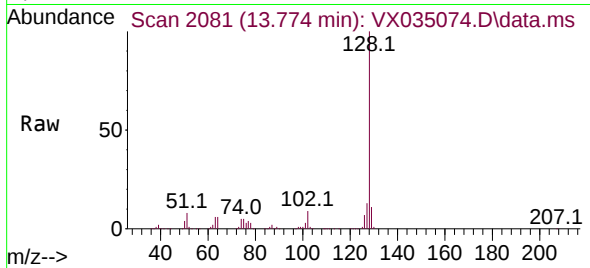
#95
Naphthalene
Concen: 22.751 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX0415MBS01

Tgt Ion:128 Resp: 31521
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2023
Supervised By :Mahesh Dadoda 04/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 22.221 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035074.D
Acq: 14 Apr 2023 11:34

Tgt Ion:180 Resp: 87377
Ion Ratio Lower Upper
180 100
182 94.7 48.0 144.2
145 34.5 17.7 53.1

